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6241

BULBS AND SEEDS

AUTUMN
1899



D. M. FERRY & CO.

DETROIT, MICH.

...TERMS...

Our Terms are strictly CASH WITH THE ORDER. Appreciating the satisfaction derived both from selling and planting only the best bulbs, we have taken great pains that everything on our list should be of strictly first-class quality. Besides, we have made VERY LOW PRICES, quality considered, hence we must request our friends to ask no indulgence from us in the way of time, but enclose funds with the order.

We Do Not Send C. O. D., as the cost of collecting return charges is quite an unnecessary item of expense, and the prices being given, we can conceive of no necessity to warrant goods being so sent.

How to Send Money.—Remittances may be made AT OUR RISK by any of the following methods, viz: Postal Money Order, Draft on New York or Chicago, or Express Company's Money Order.

The rates charged for Postal Money Orders and Express Money Orders are now so low that these are the best ways to remit. We will bear the expense of sending money in either of these ways. Deduct the cost of the order from amount sent. Express Money Orders can be obtained at ALL offices of the principal Express Companies. They are CHEAP and ABSOLUTELY SAFE.

When Money Orders cannot be obtained, letters containing money should always be registered. Money in ordinary letters is UNSAFE. If currency is sent by Express, the charges should be prepaid, and if local checks are used, 25 cents must be added to cover the cost of collection.

Name and Address should always be given.—We frequently receive letters containing money and orders, which we cannot fill, because the sender has FAILED TO SIGN HIS NAME, or the P. O. ADDRESS is omitted, and the post-mark being blurred, we are unable to fill the order, no matter how much we desire to do so. Use our order sheet and envelope, whenever you can, filling out the blank and signing your name, and you will have no cause to censure us.

Postage and Express Charges.—ALL BULBS will be sent by Mail or Express, charges prepaid, when ordered at single or dozen rates. The 100 rates and over, are by Express or Freight at purchaser's expense, unless otherwise stated. *Not less than 6 of any one variety supplied at dozen rates, 25 at 100 rates and 250 at 1,000 rates.* SEEDS will be sent free by Mail, or Express, except as otherwise stated.

Substitution.—It sometimes occurs that our stock of some named varieties of Hyacinths and other bulbs becomes exhausted before the close of the season, in which case we shall take the liberty of substituting others of the same color and price, being equally as good, if not superior to the ones ordered. Should any of our customers object to this course, they will please so state in their orders.

We give no warranty, express or implied, as to description, purity, productiveness, or any other matter of any seeds and bulbs we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

DETROIT, MICH., Aug. 25th, 1899.

D. M. FERRY & CO.

☛ **Forward your orders as early in the season as practicable, before our stock becomes broken.** We are ready to receive orders now, and expect to be able to execute them in September, except for some Lilies and a few other sorts, which will not be ready for shipment till November.

All Commands will be Filled in the Order in which they are Received.

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D. M. FERRY & CO.'S

Bulbs and Seeds

NO GOODS SENT C. O. D.

Date.....189.....

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NUMBER OR
QUANTITY

ARTICLES WANTED

PRICE

Dollars

Cts.

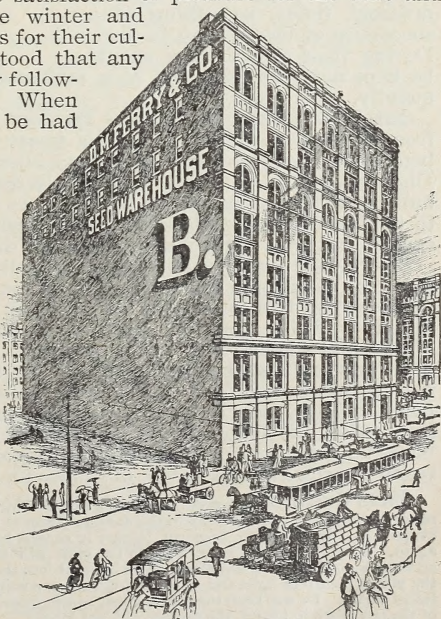
D. M. FERRY & CO'S ~1899~ BULB CATALOGUE



OUR SEED WAREHOUSE "A," 300 X 120 FEET.

THERE are no flowers that give more satisfaction or pleasure for the time and labor expended upon them than the winter and spring flowering bulbs. The requisites for their culture are so simple and easily understood that any one can have splendid success with them by following the cultural directions given herein. When grown indoors a succession of bloom may be had throughout the winter, and a home which has a window filled with hyacinths, tulips, lilies, narcissus, etc., will be made cheerful by the bright colors and delicate fragrance of their splendid flowers. Many of the bulbs when planted outdoors bloom very early in the spring when all other plants are still in their winter sleep, and coming at such a time, they are doubly welcome. Most bulbs are now so cheap that any one may have a fine display at a very small outlay. All the bulbs are more or less injured by long exposure to the air and give much better results if started early enough to form abundant root before severe freezing weather in the autumn. We therefore earnestly recommend all who would enjoy these beautiful flowers to make their selections without delay. For pot and glass culture we recommend buying named varieties of all sorts of bulbs as they give better satisfaction.

Our bulbs are from best sources and are all of the highest quality.



OUR SEED WAREHOUSE "B," 85 X 140 FEET.

HYACINTHS

The Hyacinth is so well and so favorably known that any description of it or any statement of its merits would be superfluous.

Through centuries of careful cultivation and selection it has been brought to a state of perfection which will scarcely be improved in any great degree. It succeeds well in the house and garden, adorning both with the varied colors and delicious fragrance of its showy flowers. Its culture is very simple and if attention is paid to the following directions failure is almost impossible.

Pot Culture in the House.—

Plant from September to December in rich, sandy loam, in four or five inch pots, inserting the bulb so that its top is about level with the surface. Do not pack the soil in the pots, as the bulbs will be much less liable to push out when the root growth commences if the soil is loose. Water thoroughly and set the pots away in a cool, dark place for several weeks. This will allow the roots to grow and become firmly fixed in the soil, when the plants can be brought into the light, and will at once commence the top growth. By bringing the pots into the light at different times, something of a succession of bloom may be had. During their growth they should be kept near the light and at a temperature of 50 to 70 degrees, and watered frequently.

Out-Door Culture in Beds or Borders.—The bulbs may be planted almost any time from October until the ground is frozen solid, but it is advisable to purchase early, before our stocks are depleted. They succeed in any good, well drained garden soil. Dig deep, and mix in a little thoroughly decomposed manure if it is at hand. Set the bulbs so that the tops will be between two and three inches below the surface, and six to ten inches apart. Pack a little sand under and about them if it is convenient, being careful that none of the manure comes in direct contact with the bulbs.

Before very severe weather comes on, it is necessary to cover the beds with straw, leaves or manure, to protect them from the severe cold during winter, but care should be taken that this covering is not too thick and dense, as the bulbs are as likely to be injured by being kept too warm as by freezing. The covering may be removed in March, and a good result will be certain.

In ordinary seasons the bulbs will begin to flower about the middle of April. The flowers may be cut freely as wanted without injury to the bulbs. When the flowers fade the flower stalk should be removed to strengthen the bulbs, and when the leaves have faded, the bulbs should be lifted and allowed to remain a week or two in open boxes until perfectly dry; then after removing the old leaves and stems they will be ready to pack away in a cool, dry place for autumn use.

Glass Culture—To grow in glasses, select dark colored glass, fill with water until the base of each bulb rests on the water, and set away in the dark as directed for pot culture. Fill up the glass with water as fast as it evaporates. If the water becomes impure it should be changed and the roots well cleansed before putting in again. A small piece of charcoal put in the glass will keep the water pure much longer. After the roots have attained a good growth, the glass can be brought into the light and placed in a cool room near a window. Give the plants plenty of light and as much fresh air as possible without a direct draught. Keep the glasses sufficiently full of water. Do not keep them in a close, warm room, nor about a fireplace. If removed out of the direct rays of the sun when in bloom, the flowers will last longer.

All single Hyacinths succeed well in glasses, and when forced. The double ones marked (*) are also desirable for forcing.



SINGLE HYACINTHS.

All Hyacinths are well adapted to pot culture, open beds or borders.

SINGLE HYACINTHS.

We consider the Single Hyacinths more useful and valuable than the double varieties. They are better for forcing, more vigorous in growth, and produce stronger spikes of bloom, which are generally of better substance and are at least as beautiful as those of the double sorts.

FIRST-CLASS SELECTED BULBS.

☞ Single and dozen prices include postage. The 100 rate is by express at purchaser's expense. Not less than six of any one variety supplied at the dozen rates, and not less than 25 at the 100 rates.

SINGLE RED

	EACH.	DOZ.
Amy, bright dark red, extra fine for forcing.....	12	\$1 25
General Pelissier, deep, rich red, very early, compact spike...	12	1 25
Gertrude, fine bright red, compact spike.....	12	1 25
Homerus, very early, red, excellent for forcing	15	1 60
Madam Hodson, tall growing, red spike.....	12	1 25
Monsieur Hoboken, forms an early, fine red spike, rather compact and forces easily...	15	1 60
Queen of Hyacinths, (<i>La Reine des Jacinthes</i>), bright crimson red, fine large spike....	15	1 60
Robert Steiger, bright red, good spike.....	12	1 25
Satella, dark red.....	15	1 50
Von Schiller, bright red, very large spike, one of the best..	20	2 00

SINGLE ROSE

	EACH.	DOZ.
Baron van Tuyll, very fine pink, extra good for forcing.....	15	1 60
Fabiola, pink, carmine striped, splendid large spike.....	15	1 60
Gigantea, large, pale pink flowers in a long, compact, graceful spike.....	15	1 60
Grand Vainqueur, fine bright rose, large spike, extra good for forcing.....	15	1 50
Lord Macaulay, very fine, dark rose, large spike.....	15	1 60
Maria Cornelia, very early, light rose, fine form.....	20	2 00
Maria Theresa, rose striped, fine spike.....	15	1 50
Norma, large, waxy pink bells, very early.....	10	1 10
Sultan's Favorite, pink, with dark red stripe in center of petal, splendid spike.....	15	1 50

SINGLE WHITE

	EACH.	DOZ.
Alba Superbissima, large, pure white flowers.....	15	\$1 60
Baron van Tuyll, pure white flowers in close, dense spike..	15	1 60
Blanchard, an early, pure white spike of fine form and substance.....	20	2 00
Elfride, white, shaded with light pink, large bells.....	15	1 60
Grandeur a Merveille, splendid blush white.....	15	1 50
Grand Vedette, extra large spike and flowers, early, pure white	15	1 60
La Franchise, rose white, large bells.....	15	1 50
La Grandesse, extra fine, pure white, large spike and fine formed bells.....	25	2 50
Lord Grey, extra large, long graceful spike, rose white, very good and early.....	20	2 00
Madam Van der Hoop, pure white, large bells, fine.....	20	2 00
Mont Blanc, extra large bells, pure white, grand spike.....	25	2 50
Paix de l'Europe, very fine, white, large bells and fine spike	15	1 60
Queen Victoria, large bells, clear white.....	15	1 60
Voltaire, pale blush white, large bells in a graceful spike.....	15	1 50

SINGLE DARK BLUE

	EACH.	DOZ.
Argus, very fine, rich purplish blue, with white center.....	15	1 60
Baron van Tuyll, bright dark blue, early, compact spike...	15	1 50
Blue Mourant, indigo blue, fine shaped spike.....	12	1 25
Charles Dickens, extra fine bells, bright blue, large, compact spike, early.....	15	1 50
Jeschko, dark lilac.....	20	2 00

SINGLE HYACINTHS—Continued.**SINGLE DARK BLUE—Continued.**

	EACH.	DOZ.
King of the Blues , dark indigo blue, very large flowers and spike.....	15	\$1 60
Leonidas , fine spike, bright blue, one of the best.....	15	1 60
Marie , dark, extra good spike....	12	1 25
Mimosa , dark blue, almost black	15	1 60
Uncle Tom , very dark blue.....	15	1 50
William I , dark blue, almost black, large spike, early, extra good for forcing.....	20	2 00

SINGLE LIGHT BLUE.

Blondin , pale blue, large bells and spike.....	20	2 00
Czar Peter , a magnificent spike of beautiful light porcelain blue.....	25	2 50
Grand Lilas , very large flowers of lilac blue.....	25	2 50

All single Hyacinths succeed well in glasses, and when forced.

..DOUBLE HYACINTHS..

☞Single and dozen prices include postage. Not less than six of any one variety supplied at the dozen rates, and not less than 25 at the 100 rates.



DOUBLE HYACINTHS.

SINGLE LIGHT BLUE—Continued.

	EACH.	DOZ.
Grand Maitre , deep porcelain blue, good spike.....	15	\$1 50
La Peyrouse , light blue, fine either for bedding or forcing.	15	1 50
Lord Derby , fine porcelain blue, very large spike; one of the finest light blue Hyacinths....	25	2 50
Queen of the Blues , heavy, compact spike of pale blue.....	25	2 50
Regulus , bright, light blue, shaded with purple, extra large bells	15	1 50

SINGLE YELLOW.

Duc de Malakoff , orange yellow, early.....	15	1 60
Herman , orange yellow.....	15	1 60
Heroine , bright lemon yellow, green tips.....	15	1 50
Ida , primrose yellow, fine spike..	25	2 50
La Citronniere , very bright beautiful lemon yellow.....	20	2 00
La Pluie d'Or , pale yellow.....	15	1 50

The double varieties marked () are desirable for forcing.*

DOUBLE RED.

	EACH.	DOZ.
Bouquet Tendre , bright deep red, early.....	15	\$1 50
*Noble par Merite , large bells, early, extra fine for forcing.	15	1 50
*Princess Louise , tall spike of bright red, large bells.....	20	2 00
Princess Royal , bright red....	15	1 50

DOUBLE ROSE.

*Alida Catharina , dark rose, early.....	15	1 60
Bouquet Royal , very fine rose with dark center.....	15	1 60
Czar Nicholas , pale rose.....	15	1 50
Grootvorst , light rose, large spike and bells.....	15	1 50
*Lord Wellington , large bells, very early, one of the finest double pink hyacinths.....	20	2 00
*Prince of Orange , early, large, semi-double, bright rose....	15	1 50
*Regina Victoria , very double dark rose, early ..	15	1 50

DOUBLE HYACINTHS—Continued.**DOUBLE WHITE**

	EACH.	DOZ.
* Anna Maria , cream white, with purple center, early.....	15	\$1 60
Bouquet Royal , pure white, large spike.....	15	1 60
* Duchesse de Bedford , pure white.....	15	1 60
La Deese , pure white, large spike.....	15	1 60
* La Tour d'Auvergne , pure white, very early, large spike.	20	2 00
* La Virginite , white, with rosy center.....	15	1 50
Miss Kitty , cream white, with purple center.....	20	2 00
* Prince of Waterloo , creamy white, with rose center, large spike and bells.....	20	2 00

DOUBLE DARK BLUE

Albion , dark purple blue, late...	15	1 60
Bride of Lammermoor , dark blue, large bells, an excellent variety.....	15	1 60
* Garrick , dark blue, extra large spike, early.....	15	1 60
* Lord Wellington , lilac striped.	15	1 60
* Othello , large bells, dark blue..	15	1 60

DOUBLE DARK BLUE—Continued

	EACH.	DOZ.
Pasquin , large bells of dark porcelain blue, with indigo blue center.....	20	\$2 00
* Prince of Saxony-Weimar , semi-double.....	12	1 25

DOUBLE LIGHT BLUE

Bloksberg , good spike, light blue.....	15	1 60
* General Antinck , bright light blue, shaded with purple....	15	1 50
* Mignon de Drijfhout , semi-double.....	12	1 25
Rembrandt , light blue, with green tips.....	15	1 60

DOUBLE YELLOW

Bouquet d'Orange , pale orange, semi-double.....	20	2 00
* Goethe , light yellow, with purple center.....	15	1 60
Jaune Supreme , splendid yellow, extra large bells.....	20	2 00
Louis d'Or , dark yellow, red center.....	20	2 00
Minerva , compact truss, orange, semi-double.....	15	1 60
William III , large flowers, fine yellow, with rose center.....	15	1 60

Superfine Mixed Hyacinths

FOR FORCING OR OPEN-AIR CULTURE.

Our mixtures are unexcelled for use where an effective display is wanted in the open air, and are of such superior quality as to be entirely satisfactory to florists and others who use large quantities for forcing. They comprise the finest shades of color and must not be confounded with the cheap mixtures sometimes offered for outdoor planting.

	EACH.	DOZ.	PER 100		EACH.	DOZ.	PER 100
Single Pure White	9	90	\$5 50	Double Pure White	9	90	\$5 50
Single Blush White ..	9	90	5 50	Double Blush White ...	9	90	5 50
Single Red	9	90	5 50	Double Red	9	90	5 50
Single Rose	9	90	5 50	Double Rose	9	90	5 50
Single Dark Blue	9	90	5 50	Double Dark Blue	9	90	5 50
Single Light Blue	9	90	5 50	Double Light Blue	9	90	5 50
Single Yellow	10	1 00	6 00	Double Yellow	10	1 00	6 00
Single, all colors	9	90	5 50	Double, all colors	9	90	5 50

☞ Single and dozen prices include postage. The 100 rate is by express at purchaser's expense. Not less than six of any one variety supplied at the dozen rates, and not less than 25 at the 100 rates.



ROMAN HYACINTHS.

ROMAN HYACINTHS A charming class of Hyacinths, extensively grown by florists for winter flowering. Each bulb gives several flower stalks, and by successive plantings they can be had in flower from November to March. The flowers are somewhat smaller than the ordinary Hyacinth, but are very fragrant. The best effect is produced by planting four or five bulbs in one medium sized pot. May be planted out doors, but in latitudes north of 40 degrees should be given slight protection through the winter. The colored Romans flower about two to three weeks later than the white. Our bulbs are of large size and will be sure to give the greatest satisfaction.

	EACH.	DOZ.	PER 100.
Early White Roman Hyacinths.....	6	60	\$3.50
Light Rose Roman Hyacinths.....	5	50	3.00
Dark Rose Roman Hyacinths.....	5	50	3.00

DUTCH ROMAN, or Miniature Hyacinths

Single Pink, Pure White and Light Blue, in separate colors. Unsurpassed for cut flowers. These bulbs are selected from the varieties giving the best flowers and forcing easily. Bloom freely the latter part of January or in February. 6c. each, 60c. per dozen, \$3.50 per 100.

Single and dozen prices include postage. The 100 rate is by express at purchaser's expense. Not less than six of any one variety supplied at dozen rates, and not less than 25 at 100 rates.

TULIPS

is the ease with which they can be cultivated, only



SINGLE TULIPS.

It is difficult to conceive of anything more brilliant in color than a bed of good Tulips. Their great variety of color, intense brilliancy and beautiful shading, make them universal favorites. Another great consideration in their favor

requiring good common garden soil to grow them to perfection; the price, too, as compared with other bulbs, places them within the reach of all. There are no bulbs which make such a rich and gorgeous display of blossom with so little care and cultivation. The Tulip has been so much improved by the Dutch cultivators that it ranks high in the floral world. In form, wealth of color, and the variety of its markings, it is one of the most perfect of flowers.

The culture of Tulips is the same as that of Hyacinths except that the bulbs should be planted a little deeper, and two to six inches apart. Tulips are perfectly hardy, so only a slight protection is required from extreme cold and sharp winds.

All of the single varieties force readily, and have become great favorites in the house in mid-winter. If potted in September and treated as directed for Hyacinths they may be had in bloom in December. When they show a tendency to bloom just above the bulbs, they must be kept longer in the dark to draw out the flower stems. A splendid effect is obtained by planting from three to a dozen bulbs in a medium sized pot.

SINGLE EARLY TULIPS

All Suitable for Forcing, or Growing in the Garden.

The single early varieties commence flowering two weeks in advance of other sorts of Tulips, and are admirably adapted to culture in pots, borders, or beds. The varieties of Duc van Thol are perhaps more generally known, but the other kinds are fully as



DUC VAN THOL TULIPS.

Single and dozen prices include postage. The 100 rate is by express at purchaser's expense. Not less than six of any one variety supplied at dozen rates, and not less than 25 at 100 rates.

SINGLE EARLY TULIPS

	EACH.	DOZ.	100
Artus , <i>B 7</i> , deep red, one of the finest for forcing and bedding.....	3	30	\$1 50
Belle Alliance , <i>B 7</i> , brilliant scarlet, sweet scented, excellent for forcing and bedding.....	4	35	1 75
Bizard Verdict , <i>B 7</i> , orange, yellow and red.....	3	30	1 50
Canary Bird , <i>A 8</i> , fine, clear yellow, an excellent forcing sort.....	4	40	2 50
Chrysolora , <i>B 9</i> , large golden yellow, excellent for bedding.....	4	35	2 00
Couleur de Cardinal , <i>C 9</i> , bronze scarlet; very fine for forcing and bedding....	4	40	2 50
Couleur Ponceau , <i>C 12</i> , white ground, with rosy-crimson border.....	3	30	1 50
Cottage Maid , <i>B 6</i> , white, bordered with pink, extra fine.....	4	40	2 25
Crimson King , <i>B 7</i> , fine scarlet, easily forced.....	3	30	1 50
Duchesse de Parma , <i>B 9</i> , brownish-red, with yellow margin.....	3	30	1 50
Dusart , <i>B 7</i> , purplish crimson, very desirable for bedding.....	5	50	3 00
Duc van Thol , <i>A 6</i> , red and yellow.....	3	25	1 25

beautiful, and when known will be equally esteemed. The early blooming, brilliant colors and sweet perfume of the Duc van Thols make them particularly valuable for forcing. They are extremely beautiful and blend admirably; the scarlet color is very brilliant; the rose has a satiny appearance, while the yellow and white are pure, so that beds can be arranged to produce an exceedingly beautiful color effect.

The letter *A*, *B* or *C* following the name of a variety refers to its time of blooming when planted out doors, *A* being the earliest, and those marked *B* coming into full bloom before those marked *A* are gone, so that both can be planted together with good effect. The figure that follows shows the average height in inches.

SINGLE EARLY TULIPS—Continued

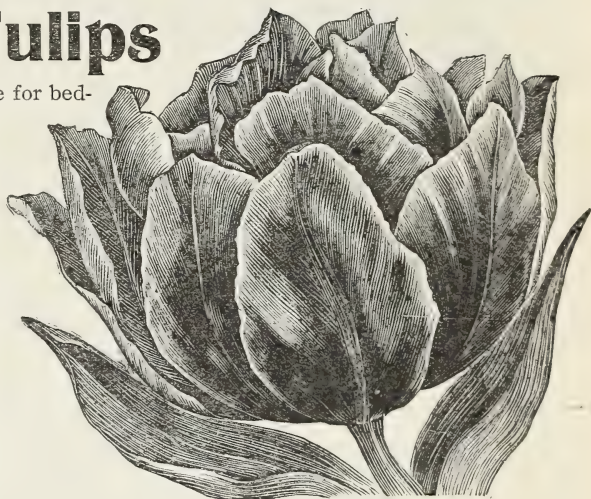
	EACH.	DOZ.	100
Duc van Thol , <i>A 6</i> , scarlet... 3	30	\$1 50	
" " " <i>A 6</i> , yellow... 5	50	3 00	
" " " <i>A 6</i> , gold-striped 3	30	1 50	
" " " <i>A 6</i> , rose.... 4	40	2 00	
" " " <i>A 6</i> , white... 5	45	2 50	
" " " <i>A 6</i> , crimson. 3	25	1 25	
Jacht van Delft , <i>B 7</i> , pure white.....	3	30	1 50
Joost van Vondel , <i>B 7</i> , deep cherry red with white penciling, flowers of the largest size.....	4	35	2 00
Keizerskroon , <i>B 9</i> , extra large flower, deep red with broad, yellow margin	4	40	2 00
La Reine , <i>B 7</i> , white, slightly rose shaded; extra fine for forcing.....	4	35	1 75
L'Immaculee , <i>B 7</i> , pure white, very early.....	3	30	1 50
Mon Tresor , <i>A 7</i> , pure yellow, one of the best yellow Tulips for forcing; extra fine large flower.....	5	45	2 50
Pottebakker , <i>A 8</i> , scarlet... 4	35	2 00	
Pottebakker , <i>A 8</i> , white... 5	45	2 50	
Pottebakker , <i>A 8</i> , yellow... 5	50	3 00	
President Lincoln , <i>B 8</i> , (Queen of Violets), splendid violet, 4	35	2 00	
Prince of Austria , <i>B 9</i> , orange red, sweet scented, a very fine forcing variety.....	6	60	3 50

SINGLE EARLY TULIPS—Continued.

	EACH.	DOZ.	100		EACH.	DOZ.	100
Proserpine , <i>A</i> 7, silky carmine rose, forces easily, a large flowering, striking variety. 5	50	\$3	00	Standard Royal Gold , <i>B</i> 7, golden yellow, feathered with red. 6	60	\$3	50
Queen Victoria (see <i>La Reine</i>)				Thomas Moore , <i>B</i> 9, fine orange, sweet scented. 5	50	3	00
Rembrandt , <i>A</i> 8, large, brilliant scarlet. 4	40	2	25	Van der Neer , <i>B</i> 9, beautiful violet, extra large flower. . 4	35	1	75
Rosa Mundi , <i>B</i> 8, rose and white; very fine either for forcing or bedding. 4	40	2	25	Vermillion Brilliant , <i>B</i> 8, dazzling scarlet, very striking. 6	65	4	00
Rose Gris de Lin , <i>B</i> 7, very fine pink, an excellent forcing sort. 5	50	2	75	Wapen Van Leiden , <i>B</i> 9, rose feathered with yellow. 3	30	1	50
Standard Royal Silver , <i>B</i> 7, very fine cherry red, feathered with white. 4	35	1	75	Wouwerman , <i>B</i> 7, dark violet yellow, sweet scented, fine for forcing or bedding. 4	35	2	00

Double Tulips

These are all very desirable for bedding purposes. White, red and yellow sorts of about the same height, planted in lines of three or four rows of each color, form with their large rose-like flowers, beds of surpassing beauty. Their flowers are double and are quite persistent, and as the plants are later in blooming they serve to prolong the season of gorgeous beauty in the spring flower garden. Those sorts marked *A*, indicate first early; *B*, second early, and *L*, late flowering varieties. The earlier kinds are not only valuable bedders but succeed admirably if forced in pots.



DOUBLE TULIP.

	EACH.	DOZ.	100		EACH.	DOZ.	100
Crown of Gold , <i>B</i> 10, rich golden yellow, shaded orange. . 7	75	\$4	50	Purple Crown , <i>A</i> 8, purplish red, a fine color. 3	30	\$1	50
Duc van Thol , <i>A</i> 6, red, bordered with yellow. 3	25	1	25	Rex Rubrorum , <i>B</i> 8, bright scarlet. 5	50	3	00
Duke of York , <i>B</i> 8, red, white edged. 4	35	2	00	Rose Blanche , <i>B</i> 7, pure white, extra fine. 4	35	1	75
Gloria Solis , <i>A</i> 7, deep scarlet edged with bright yellow. . 4	35	1	75	Rosine , <i>A</i> 9, white, flamed with rose. 4	40	2	25
Imperator Rubrorum , <i>A</i> 7, brilliant scarlet. 5	50	3	00	Salvator Rosa , <i>A</i> 9, beautiful pink flamed with deep rose. 10	100	6	00
La Candeur , <i>B</i> 8, pure white 3	30	1	50	Tournesoll , <i>A</i> 8, bright red with yellow margin, a large very sweet scented flower. 5	50	3	00
Le Blason , <i>B</i> 7, rose and white 5	45	2	50	Tournesoll Yellow , <i>A</i> 8, golden yellow shaded orange. . 10	100	6	00
Marriage de ma Fille , <i>L</i> 16, carmine striped with white 6	60	3	50	Titian , <i>B</i> 7, brown and yellow, fine for bedding. 4	35	1	75
Murillo , <i>B</i> 6, best double pink for forcing. 7	70	4	00	Yellow Rose , <i>L</i> 6, large, pure yellow. 4	35	1	75
Pæony , <i>L</i> 9, dark red. 4	35	1	75				
Pæony , <i>L</i> 9, gold. 4	35	2	00				

Single and dozen prices include postage. The 100 rates are by express at purchaser's expense. Not less than six of any one variety supplied at dozen rates, and not less than 25 at 100 rates.

MIXED TULIPS

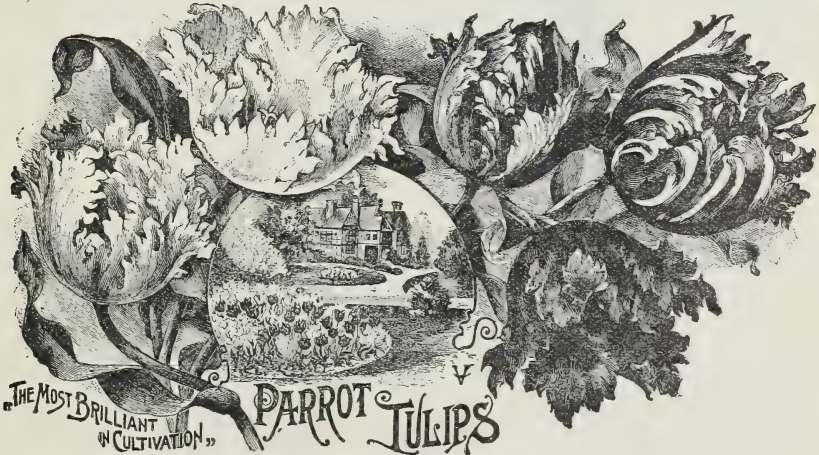
These splendid mixtures are mainly intended for bedding; nevertheless, as all Single Tulips force readily, these mixtures are particularly well adapted for forcing where it is not important to have any particular color.

Single Early, Fine Mixed, 20c. doz.; 90c. per 100; \$7.50 per 1,000.

Single Early, Superfine Mixed, 25c. doz.; \$1.00 per 100; \$9.00 per 1,000.

Double, Fine Mixed, 25c. doz.; \$1.00 per 100; \$9.00 per 1,000.

Double, Superfine Mixed, 25c. doz.; \$1.25 per 100; \$10.00 per 1,000.



PARROT TULIPS FOR THE OPEN GROUND ONLY.

Singularly beautiful flowers of wonderfully brilliant shades of scarlet, crimson, yellow and green, curiously intermixed and variegated. The edges of the petals are feathered. In masses or in shrubbery borders they are very striking and effective. Perfectly hardy.

	EACH.	DOZ.	100		EACH.	DOZ.	100
Red.....	4	40	\$2 00	Yellow.....	4	40	\$2 00
Variegated.....	4	40	2 00	Mixed.....	4	35	1 75

..SINGLE LATE, OR SHOW TULIPS..

FOR THE OPEN GROUND ONLY.

These are grown by the florist and amateur for their beautiful bloom, and are seldom used to produce a mass of flowers, each individual blossom being a marvel of beauty in itself. They are much taller than the preceding varieties, sometimes growing to a height of two feet. A bulb planted in the fall, blooms the following spring and dies, giving place to one or more new bulbs, which bloom the next spring. These may be taken up and replanted or left in place, just as is deemed best.

	EACH.	DOZ.	100		EACH.	DOZ.	100
Byblooms, superfine mixed; white ground, flaked with violet, crimson and maroon.	4	40	\$2 00	Bizarres, superfine mixed; yellow ground, flaked with crimson, purple and violet..	4	35	\$1 75

VARIOUS SPECIES OF TULIPS

Gesneriana. This is a distinct species, the flowers being very large, of perfect form, and the most brilliant scarlet color imaginable. No plant gives a more brilliant effect than this. It grows to a height of about two feet and blooms in May. 4c. each; 35c. doz.; \$2.00 per 100.

Florentina Odorata, yellow, very fragrant. 5c. each; 50c. doz.

Oculis Solis (Sun's Eye), brown. 8c. each; 80c. doz.

Persica, a dwarf, yellow flower tinged with green. 6c. each; 60c. doz.

The single and dozen rates include postage. The 100 and 1,000 rates are by express at purchaser's expense. Not less than 25 at 100 rates, and not less than 250 at 1,000 rates.



CROCUS

CROCUS

Among the earliest to blossom in spring is this beautiful little flower, lifting its head almost before the snow has disappeared. Blooming at a time when the ground is destitute of foliage and flower, it is a welcome visitor. The Crocus succeeds when grown in pots, and tolerably well in glasses, for which purpose the best named varieties should be selected. They present the best appearance, however, when grown in masses in a bed, for which large quantities should be used, say from one hundred to five hundred in a bed.

A desirable effect is produced by setting Crocuses here and there over the lawn. It is only necessary to lift the turf and insert the bulbs about two inches deep. They will care for themselves, blooming

very early amid the grass and dying down to the bulb in ample time to be entirely out of the way of the lawn mower. They may be planted with Scilla Siberica, the blossoms of these two earliest flowering bulbs showing very prettily together. Once planted, they will remain uninjured in the ground and bloom for years. The Crocus should be planted in the autumn, in any good garden soil, about three inches deep and about two inches apart in beds or borders. As they are entirely hardy, they may remain undisturbed for years.

Indoors, the Crocus can be easily forced, planted from six to a dozen bulbs in a pot of ordinary soil, or in small glasses, kept cool, well watered and given plenty of fresh air. It may also be grown in water on tea plates or larger plates with a little sand, only one variety on each plate, the bulbs placed close together. In the house it blooms a month earlier than outdoors.

	DOZ.	100	1,000
Mammoth Yellow.....	\$0.20	\$1.25	\$8.00
Large Yellow.....	.15	1.10	6.50
Mixed White.....	.10	.65	4.00

	DOZ.	100	1,000
Mixed Blue.....	\$0.10	\$0.65	\$4.00
Mixed, Striped.....	.10	.65	4.00
Mixed, all colors.....	.10	.60	3.75

CHOICE NAMED CROCUS

	DOZ.	100
Albion, striped.....	\$0.15	\$0.85
Baron von Brunow, blue.....	.15	.85
Cloth of Gold, brown and yellow.....	.12	.75
Cloth of Silver, light blue striped.....	.15	1.00
David Rizzio, blue.....	.15	.85
Grootvorst, white.....	.15	.85
La Majesteuse, striped.....	.15	.85
Lord Fielding, striped.....	.15	.85

	DOZ.	100
Madame Mina, striped.....	\$0.15	\$0.85
Mont Blanc, white.....	.15	.90
Non Plus Ultra, blue.....	.15	.85
Prince Albert, dark, rich blue.....	.15	.85
Queen Victoria, white.....	.15	.85
Sir Walter Scott, white, with purple stripes, yellow inside.....	.15	.85

GOLCHIGUM

A species of Crocus, producing its flowers late in autumn after all the other flowers have perished and the leaves fallen. The following spring the plant throws up its foliage and ripens its seed. Six or eight flowers are produced from one bulb. Its culture is the same as given for Crocus, except that it should be set out earlier. It is hardy and will endure the coldest weather. The bulbs do better if left undisturbed for several years. **Colchicum Autumnalum**, 7 cents each; 70 cents per dozen, postpaid.

BULBOGODIUM

Very attractive and pretty is the flower of the Bulbocodium or Spring Colchicum. It is one of the earliest to flower of the spring blooming bulbs, coming in bloom a few days earlier than the favorite Crocus. The flowers are of a rich, dark purple color, some specimens having black purple veins or markings. Plant the bulb two inches deep in a light, sandy soil, early in October; it will produce a finer bloom if left undisturbed for several years.

Bulbocodium Vernum, 10 cents each; 90 cents per dozen, postpaid.

Crocus prices per dozen and 100 include postage. The 1,000 rate is by express, at purchaser's expense. Not less than 25 of any one variety supplied at 100 rates, and not less than 250 at 1,000 rates.



BULBOCODIUM.

NARCISSUS

OR DAFFODIL

There are three distinct classes of Narcissus: The old yellow Daffodil, or Trumpet Narcissus, the white flowered Pheasant's Eye or Poet's Narcissus, and the Polyanthus Narcissus. The first two are among the hardiest and most desirable plants of the garden, and will do better and give more satisfaction with less care than almost any other plant. When once established they do not need to be reset for several years, and will thrive in almost any soil. They are not only desirable for the garden, but equally so for the house. One to four bulbs set in a five-inch pot will be sure to give flowers even in the smoky atmosphere of the city, where their beautiful color and delicate fragrance are doubly welcome.

The Polyanthus varieties need some protection through winter in the North, but will do finely without it in the South. They are exceedingly valuable for flowering in pots in the house. The Paper White may be made to come into bloom in December, and this, with other varieties of Narcissus, will give a continuous succession of profuse bloom until spring. Narcissus thrive best in a cool temperature.

Pot as soon as received; set in a cool, dark room, and keep moderately moist for one or two months so that they may root; then remove to the window or conservatory for flowering.



NARCISSUS,
POETICUS
ORNATUS.

SINGLE TRUMPET NARCISSUS

(DAFFODIL)

EACH. DOZ.

Bicolor Horsfieldi, cream white perianth with large, fine yellow trumpet. It comes into bloom early, and is very stately and beautiful. 10 \$1.00

Bulbocodium (Hoop Petticoat), rich golden yellow; dwarf, fine for forcing. 10 1.10

Emperor, a magnificent flower of great substance, having an immense trumpet of clear golden yellow and broad, primrose yellow perianth. 15 1.50

Golden Spur, an extra large, richly perfumed flower of robust habit, and unsurpassed for pot or garden culture. It is distinguished by its large, spreading, deep yellow perianth and wide trumpet of golden yellow. 10 1.00

Princes, sulphur white perianth, with yellow trumpet. 4 .40

Trumpet Major, deep golden yellow; forces well. 4 .40



SINGLE TRUMPET
NARCISSUS.

Single and dozen prices include postage. The 100 rates are by express at purchaser's expense. Not less than six of any one variety supplied at dozen rates, and not less than 25 at 100 rates.

SINGLE NARCISSUS, WITH CUP SHAPED FLOWERS

Biflorus, white, with orange cup; two-flowered, richly perfumed. 4 for 10c; 25 cents per dozen; \$1.25 per 100.

Poeticus, (*Pheasant's Eye*, or *Poet's Narcissus*), beautiful pure white flower with crimson edged cup, very fragrant. 20 cents per dozen; 75 cents per 100.

Poeticus Ornatus, very early, flowering about a month earlier than *Poeticus*; fine forcer. 4 cents each; 35 cents per dozen; \$1.75 per 100.

DOUBLE NARCISSUS

(DAFFODIL.)

EACH. DOZ.

Albus Plenus Odoratus, pure white, with many petals, sweet scented; \$2.00 per 100. 5 50

Incomparable, double yellow, large and fine, \$1.75 per 100 4 40

Orange Phoenix, creamy white with orange center, and many large petals. 5 50

Von Sion, the old, well-known Double Yellow Daffodil. Large, double, golden yellow, extra fine for forcing or outdoor culture. This is the true double trumpet shaped variety, so largely used for cut flowers, \$3.00 per 100. 5 50

POLYANTHUS NARCISSUS

EACH DOZ.

Double Roman, white with yellow center, very fragrant. 5 50

Gloriosa, creamy white, deep orange cup. 6 60

Grand Monarque, white, citron cup. 7 70

Grand Primo, white, citron cup 7 70

Grand Soleil d'Or, yellow with orange cup; beautiful. 6 60

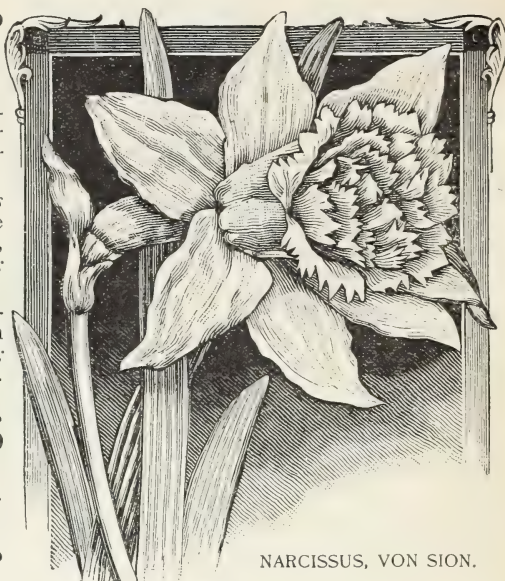
Newton, very fine yellow with orange cup. 7 70

Paper White, pure white, may be had in bloom by Christmas 4 40

Paper White Grandiflora, an improvement on the preceding variety. 5 50

Staten General, white with yellow cup. 6 60

Fine Mixed 5 50



NARCISSUS, VON SION.



PAPER WHITE GRANDIFLORA NARCISSUS.

Single and dozen prices include postage. The 100 rates are by express at purchaser's expense. Not less than 6 of any one variety supplied at dozen rates, and not less than 25 at 100 rates.

Chinese.... Sacred Lily

OR JOSS FLOWER.

The flowers of this variety of Polyanthus are of a satiny white color with golden yellow cups. The dark green foliage is exceedingly luxuriant and beautiful. It is the sort grown by the Chinese from time immemorial to decorate their sacred temples or Joss Houses, on their New Year's day. By methods of culture original to them, they succeed in growing large, solid bulbs, which produce a profusion of bloom in an incredibly short time; usually not more than four to six weeks from the time of planting. This splendid flower increases in popularity every year and immense quantities of bulbs are annually imported into this country.

Culture.—Being partially aquatic, this plant must have plenty of water. If grown in earth the soil should be light and sandy. Chinese Lilies are usually grown in vases or dishes of water. Put an inch or two of sand and gravel in the dish in which they are to be grown, set the bulbs on this and put enough gravel around them to keep from falling over; fill the dish with water and set in a dark closet for a few days until the roots start freely, then bring to the light and keep in any ordinary living room. A dozen bulbs started this way at intervals will give a succession of bloom throughout the winter.

The Chinese Lily bulbs offered by us are large, solid and well matured. They can be relied upon to be the true Chinese, which are superior to those grown elsewhere.

Price, 15 cents each; \$1.40 per dozen, postpaid.
By express at purchaser's expense, 10 cents each, \$1.00 per dozen.



CHINESE SACRED LILY.

JONQUILS

A species of Narcissus, easily grown in house or garden, and always a favorite for its bright yellow, deliciously fragrant flowers, which are produced in abundance. They are very fashionable and popular as cut flowers, and can be successfully grown by every one. Well suited for window plants, as the flowers seldom fail to expand, and continue a long time in perfection. Culture same as given for Narcissus.

Prices include postage.

	EACH.	DOZ.
Double, yellow, sweet scented....	6	60
Single, yellow, sweet scented....	2	20
Campernelle, single yellow, large flowered.....	3	25



DOUBLE JONQUIL

..LILIES..

The Lily, with eminent propriety, has been styled the "Queen of Flowers," and truly no flower is more expressive of the idea of queenly beauty, majestic grandeur and faultless purity than the Lily. Too much cannot be said in its praise, and we are glad to notice its increasing popularity from year to year. Nearly every variety will, with a little care, endure the severity of our winters, and many are among the most hardy of our garden flowers.

All the Lilies on our list make stately and magnificent pot flowers. They are deliciously fragrant, the cut flowers very lasting, opening full to the last bud in water, and are fairly beyond comparison for the table, bouquet vases and glasses.

The sorts best suited for forcing are: the Bermuda Easter Lily (*Lilium Harrisii*), *Lilium Candidum* and *Lilium Longiflorum*.

CULTURE OUT OF DOORS.—Their culture is simple, and with a little care failure is impossible. The bulbs should be planted in the autumn, if possible, from first of October or as long as the soil can be worked; if in spring, as soon as the frost is out of the ground until the first of May—the earlier the better. In the South, where frost does not prevent, plant from October to March.

Select a well-drained spot, dig the soil deep, and make it fine, enriching it abundantly with very rotten cow manure and adding a liberal mixture of sand. Set the bulbs from four to six inches deep, according to size. During the winter cover the surface of the bed with a thin layer of coarse straw manure, which will not only afford a slight protection to the bulbs, but will materially enrich the soil. In the spring, the manure may be removed or dug in between the rows.

Care should be taken that they have proper drainage, no water being allowed to stand around the roots. Once firmly established, they should not be disturbed oftener than once in five years.

CULTURE FOR FORCING IN POTS.—As early as the bulbs can be procured in autumn, from August to November, plant them in five or six inch pots, using a compost of one-half rich, loamy soil, one-quarter well rotted cow manure and one-quarter clean, sharp sand. This compost should just cover the bulbs and should be made firm by being pressed closely about them. Then place the pots in a cold frame, or plunge them in a sheltered place in the garden until the soil covers the tops of the pots one to two inches deep, or place them in a cool room where there is no fire. Let them remain here until quite cold weather comes on and the pots are well filled with roots. Then remove to the greenhouse, conservatory or warm room, but force slowly, keeping the temperature moderately cool (about 60°) until the buds appear. Water only sparingly till then, but when the buds have set, increase the heat, and water thoroughly. A little weak, clear manure water may be used with advantage two or three times a week, when the plants are growing freely and the pots are well filled with roots. While in bloom keep the plants in a dry, airy, cool situation to make the flowers last longer. Better success may be had with the *Lilium Harrisii* if it is first planted in four-inch pots and allowed to root two or three months and is then transplanted to six-inch pots, though this is not *essential* to success.

LILIUM AURATUM

The glorious gold-banded Lily of Japan, and one of the grandest plants in cultivation. Its immense ivory white flowers are thickly studded with yellow and crimson spots, while in the center of each petal is a golden band, fading at its edges into the white. Such choice bulbs as we offer if well cared for will give from five to ten magnificent flowers the first year, and under good cultivation will, after becoming well established, give from ten to fifty. *25 cents each; \$2.50 dozen, postpaid.*

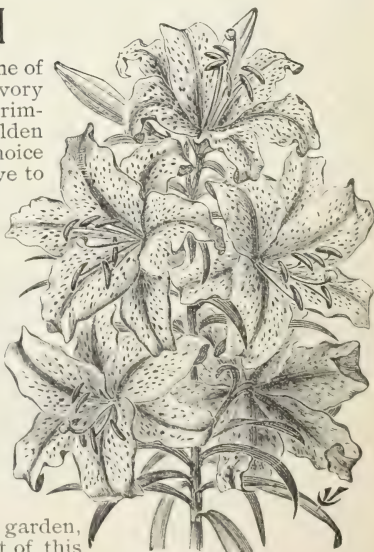
LILIUM BATEMANNI

A rare and beautiful Lily from Japan, bearing large, apricot-tinted flowers of great beauty. *20 cents each; \$2.00 per dozen, postpaid.*

LILIUM CANDIDUM

(Ready in September.)

The peerless white Lily, queen of the garden. Although old and common, this is still one of the finest clear white flowers in cultivation, and no garden, however small, should be without at least one plant of this beautiful variety. *15 cents each; \$1.50 dozen, postpaid.*



LILIUM AURATUM.

LILIUM HARRISII

The True Bermuda
Easter Lily
(Bulbs ready in August.)

The flower so commonly forced for Easter, and known as Easter Lily. The long, white, trumpet-shaped flowers are of delicious fragrance, and seem a fitting symbol for that day. If it is desired to have them in bloom by Christmas, the bulbs should be ordered as soon as you receive this catalogue and then planted as early as possible.

Large Bulbs, measuring 7 to 9 inches in circumference, and producing 5 to 7 flowers. *25 cents each; \$2.50 dozen, postpaid.*

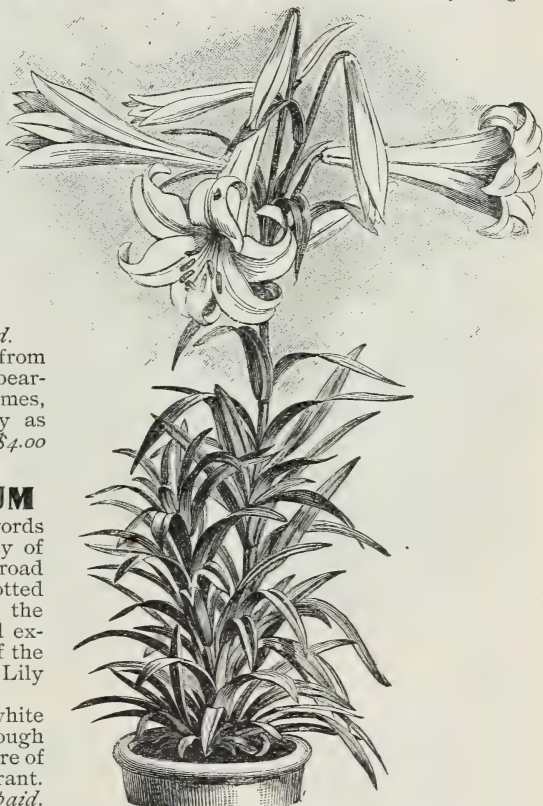
Mammoth Bulbs, measuring from 9 to 11 inches in circumference, bearing 8 to 14 flowers, and sometimes, under high cultivation, as many as 20 flowers. *40 cents each; \$4.00 dozen, postpaid.*

LILIUM SPECIOSUM

The famous Japan Lily. No words can overstate the brilliant beauty of this charming flower. Its six broad white or pink petals are thickly dotted with rose or carmine spots, and the graceful form, brilliant color and exquisite fragrance make this one of the most effective and desirable of the Lily family.

Speciosum Album—Pure white flowers with a greenish band through the center of each petal. They are of great substance and very fragrant. *25 cents each; \$2.50 dozen, postpaid.*

Speciosum Rubrum—White, shaded and spotted with rose or crimson. *20 cents each; \$2.00 dozen, postpaid.*



LILIUM HARRISII.

LILIUM LONGIFLORUM

(Ready in September.)

Very like Liliium Harrisii, and preferred by some to that variety. It does not come into bloom as early, but the flowers are of better substance and extensively used by florists for cut flowers. When grown in the open ground it blooms in June and July. *15 cents each; \$1.50 dozen, postpaid.*

LILIUM TIGRINUM SPLENDENS

(Improved Tiger Lily.)

Has very large flowers of excellent form; color orange-salmon with dark spots. *15 cents each; \$1.50 dozen, postpaid.*

LILIUM TIGRINUM FLORE PLENO

(Double Tiger Lily.)

This magnificent lily is of stately habit, bearing immense clusters of very large, double flowers on tall, strong stems; color bright orange-red spotted with black. *15 cents each; \$1.50 dozen, postpaid.*



DOUBLE TIGER LILY



ALLIUM NEAPOLITANUM

Very valuable for winter blooming. The large clusters of white flowers never fail to remind one of spring and keep in condition for several weeks, giving a cheerful brightness to any collection of plants. Place four to six bulbs in a five-inch pot, in well drained sandy loam, and start into growth at once. Keep in the full sunlight, and when the plants start give plenty of water. 2 for 5 cents; 25 cents per dozen; \$1.25 per 100, postpaid.

ANEMONE

One of the most beautiful and showy flowers, exceedingly brilliant in color, of neat and compact growth, and with foliage elegantly cut. It

is not quite so hardy as many other bulbs, but if planted in October or November, four or five inches apart and covered three inches deep in a moist, rich, well drained soil, and then is well protected by leaves and manure, success can confidently be expected. A northerly site, protected from the wind and too much sun, is the best. Make the soil rich, and water frequently in the spring. If the weather is hot when Anemones are in bloom, shade partially in daytime with cheese cloth or mosquito netting at about three feet above them, and cover the ground with moss or other mulch to prevent the soil from becoming too dry. The bulbs may be kept till spring, when, if planted early, they will do well. For forcing in-doors, pot three or four roots in porous, rich soil, in a five-inch pot. Keep the pots in a cold frame or other moist, cool situation until the roots are well started, when they may be removed to the place where they are desired to bloom. Avoid heat and dry air and the rich and various colored flowers will repay your care. *Prices include postage.*



ANEMONE.

	EACH.	DOZ.
Double Mixed	\$.03	\$0.30
Single Mixed	.03	.20
Fulgens, single, brilliant scarlet, valuable for forcing	.05	.50
The Bride, single, pure white	.03	.25

ANEMONE FULGENS.



AMARYLLIS.

winter in a dry cellar and planted in the open ground in the spring. They may be grown in water like Hyacinths. 20 cents each; \$1.75 per dozen.

CYCLAMEN

There is no more ornamental plant for greenhouse or parlor culture than the Cyclamen. It grows readily, blossoms freely, and remains a long time in flower. The soil should be equal parts of turfy loam, leaf mould and sand. Plant in September or October, in a five-inch pot. Keep in a cool, light place, watering lightly till growth begins, then water freely and give plenty of light and air. On the approach of cold weather, remove to a warmer situation—the parlor or greenhouse—but keep them near the light. The whole secret of growing Cyclamens to perfection is *light, air and a moderately low temperature.*

Cyclamen Giganteum, mixed, characterized by very large flowers, beautiful foliage and profuse bloom. 20 cents each; \$2.00 per dozen, *postpaid.*

AMARYLLIS

There are a great many species of Amaryllis, all producing lily-like flowers, but varying in color, from the richest crimson and scarlet to pure white, and in size, from delicate blossoms scarcely an inch in diameter, to those which measure six to nine inches across.

Prices include postage.

Amaryllis Atamasco, (*Zephyranthes Atamasco*). Planted in warm, sandy soil, the bulbs increase rapidly and furnish a constant succession of delicately beautiful flowers, which are borne in clusters of three or four, and are white, suffused with pink. Hardy. 5 cents each; 40 cents per dozen.

Amaryllis Belladonna Major. These plants do best in a warm, sunny, *well-drained* place out of doors, where they can receive some protection in winter and remain undisturbed for several years, when they will throw up great clusters of beautiful rosy-white flowers which will be the glory of the garden. Set the bulbs

as early in the autumn as possible, surrounding and covering each bulb with clean sand, so that the top will be about two inches below the surface.

Protect from severe frosts, taking care that the covering is not such as will hold ice and snow. 20 cents each; \$2.00 per dozen.

Amaryllis Formosissima (*Sprekelia, Jacobean Lily*).

Each of the five narrow petals of this flower are three to four inches long and a very intense, rich scarlet color of unequaled brilliancy, vividness and purity. The plants are easily grown, and although the bulbs are not hardy they can be easily preserved during the

CYCLAMEN
GIGANTEUM.

FUNKIA Day Lily

be welcome for their grateful perfume lavishly dispensed. Ready for shipment the latter part of October.

Funkia, Alba (WHITE DAY LILY), 20 cents each; \$2.00 per dozen, *postpaid*.

Funkia, Blue, variegated foliage, 20 cents each; \$2.00 per dozen, *postpaid*.

IRIS (Fleur de Lis)

Hispanica—

(Spanish Iris).

Quite dwarf and well adapted for pot culture. The flowers are of various shades of violet, yellow, blue and white. *Mixed sorts, 3 cents each; 25 cents per dozen, postpaid.*

Anglica—

(English Iris).

Although this species has been cultivated in gardens for 200 years, it is still one of the most attractive sorts and worthy of a place in every garden. Its large, peculiar shaped flowers remind one of a rare orchid. *Mixed varieties, 4 cts. each; 35 cts. per dozen, postpaid.*

Kämpferi (Japan Iris).

The Japanese Irises are quite distinct from all others and never fail to excite the admiration of all who see them. The enormous flowers, often 10 inches across, display a marvelous blending of rich and rare shades of violet, blue, crimson, white and yellow, giving the flowers a peculiar beauty such as is rarely seen outside of the most costly orchids. Very hardy and of easy culture. They do best in damp soil and should be freely watered in dry weather. If left undisturbed will flower each year in greater profusion. *Mixed sorts, 15 cents each; \$1.50 per dozen, postpaid.*

Germanica—(German Iris). In spite of its name, this is the "Fleur-de-Lis," the national flower of France, with broad, graceful petals of exceedingly beautiful shades of color. *Mixed sorts, 10 cents each; \$1.00 per dozen, postpaid.*

Pavonia—(Peacock Iris). White, with a rich, bright, shaded blue spot in each petal. 10 cents each; \$1.00 per dozen, *postpaid*.

Tuberosa—(Snake's Head Iris). A comparatively small but curiously shaped and colored flower, which always attracts attention. 10 cents each; \$1.00 per dozen, *postpaid*.

An elegant class of flowering bulbs, producing blossoms of rich color, quaint forms and sweet perfume, suitable for pots or borders. Pavonia Iris is not hardy and can only be flowered in the house, in pots. Iris Anglica has large flowers of purple, violet, lilac, rose, pink and white shades, and a few of the varieties are spotted. It is necessary that the bulbs of this variety be planted as soon as they come to hand, as they will suffer if kept a long time out of the ground. The rest of the varieties we offer are perfectly hardy. Iris bulbs should be planted in light,

rich soil, and do better if protected by litter in winter. Set the bulbs in clumps 2 inches apart each way, and 3 inches deep. Every 3d or 4th year they should be taken up and reset.



Lily of the Valley

are pure white, bell shaped, freely produced and powerfully fragrant.

For pot culture set the buds or pips in well-drained pots or flats having the bottoms covered with a layer of fibrous moss or peat, then fill them with sandy soil slightly mixed with moss. This will hold the moisture, which is essential to success. Cover the buds to the depth of half an inch, set away in a dark, warm room 70° at least

for a week or two, and keep well watered, always using lukewarm water so as not to chill the roots. Many successful growers maintain a temperature of 90° to 100°, which may be desirable early in the season, but later when the plants are grown from pips that have been kept in cold storage, the temperature should not be above 60° to 70°. Then bring into the light, and set in a warm, moist place. In four or five weeks the flowers will appear. By repeating this process at intervals, a constant succession of bloom is maintained through the whole winter. Care should be taken to keep the pips cool and moist until they are potted. Water should never be syringed upon the flowers when in bloom, as it will spoil them.

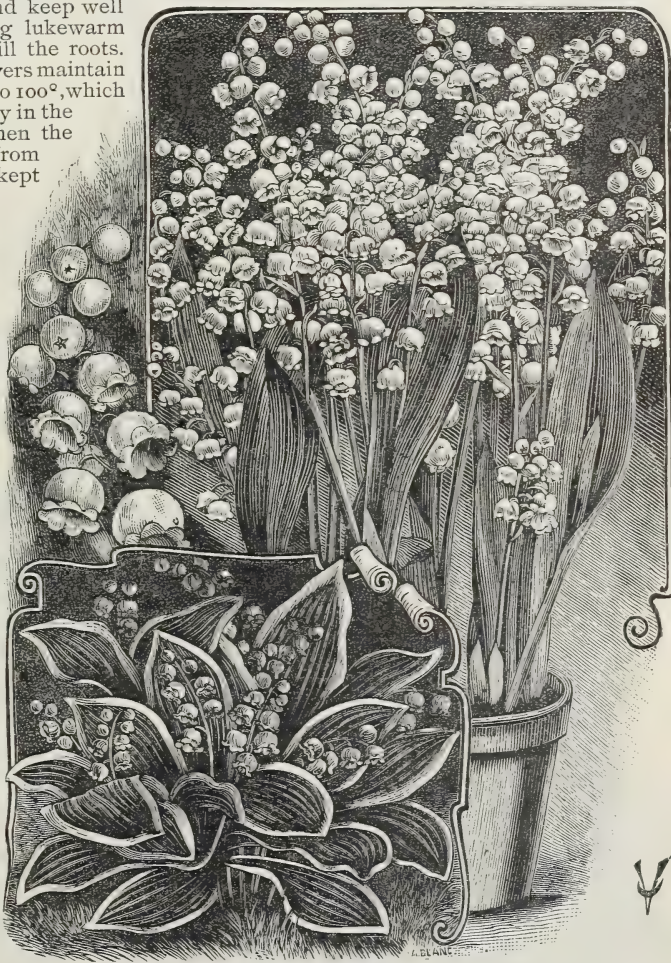
Lily of the Valley, when in full flower, can be taken out of the forcing box and planted in pots without the slightest check to growth or flowering. To grow them in open ground, select a partly shaded situation. Prepare the soil with a mixture of leaf mould, sand, and plenty of well-rotted manure, which should be thoroughly incorporated with the soil two feet deep.

Set the roots or clumps about two inches below the surface. No further attention is required. They are perfectly hardy and are not injured by frost. Lily of the Valley cannot be shipped before the middle of October.

Success in forcing depends largely upon the quality of the pips. Many of them on the market cannot be made to produce good blooms. We have taken great pains to secure extra fine pips which are sure to give good results.

Best Berlin Pips, for forcing or pot culture. 40 cents per dozen; \$2.50 per 100, postpaid. By express at purchaser's expense, \$18.00 per 1,000.

Large Clumps, for outdoor planting. 40 cents each; \$4.00 per dozen, postpaid. By express at purchaser's expense, \$2.75 per dozen.



LILY OF THE VALLEY.

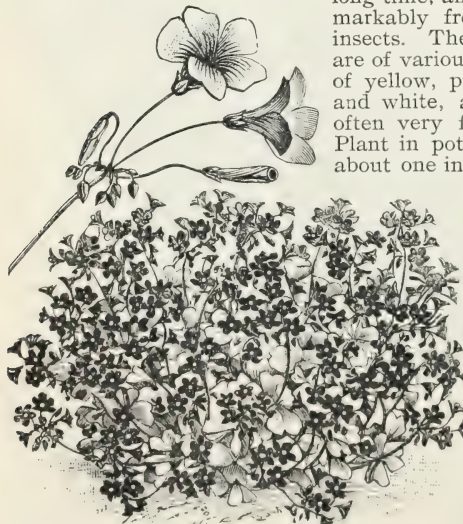
CROWN IMPERIAL

A tall, stately plant, with beautiful flowers of various colors, and having glands at the base of each petal, which shine with a peculiar luster and resemble pearls. The bulbs have an odor which resembles that of the onion, but more intense. Plant six inches deep, and one foot apart, in good, rich soil, in October or November. The bulbs need not be disturbed oftener than once in three or four years. *Mixed varieties, 15 cents each; \$1.50 per dozen, postpaid.*

Dielytra (Bleeding Heart). Perennial plants, blooming in the early spring; favorably known almost everywhere. They require only the ordinary culture of border plants. Roots planted in autumn will flower freely the following spring. The roots should be divided every third year. The flowers are a delicate pink color, graceful, and produce continuously from May till July. **Dielytra Spectabilis**, 20 cents each; \$2.00 per dozen, postpaid.

Freesia Bears peculiar clusters of white flowers, which last a long time and have a delicate fragrance. The bulbs force easily and will come into bloom in January and February in an ordinary greenhouse. Also grow well and bloom freely in an ordinary sitting room if placed near the window and not kept too hot. Will stand a slight freezing without injury. They appear to the best advantage when four or five bulbs are set in a six-inch pot, in light, rich soil. **Freesia Refracta Alba**, 2 for 5 cents; 20 cts. per doz.; \$1.00 per 100, postpaid.

Oxalis Admirably adapted to house culture, and nothing is prettier for window plants, as they flower freely, are in bloom a long time, and are remarkably free from insects. The flowers are of various shades of yellow, pink, red and white, and are often very fragrant. Plant in pots, six or eight bulbs in a pot, and cover about one inch deep.



OXALIS.

friable soil, will in about six weeks form a fountain-like mass of foliage and bloom which is certain to please everyone. Place the pot in cellar or cold, dark room for several days, to root thoroughly, then remove to window or conservatory. 5 cents each; 50 cents per dozen; \$3.50 per 100, postpaid.



DIELYTRA.



FREESIA.

	EACH.	DOZ.
Alba, white.....	\$.04	\$.40 postpaid.
Bowii, clear red.....	.03	.30 "
Cernua Lutea, single yellow.....	.03	.30 "
Deppei, light crimson.....	.03	.30 "
Rubella, bright red, free flowering.....	.03	.30 "
Versicolor, red, violet and white.....	.03	.30 "
Fine Mixed, 20 cents dozen, \$1.25 per 100, postpaid.		

BERMUDA BUTTERCUP OXALIS

This valuable winter flowering bulb is a selection from Oxalis Cernua, cultivated in the favorable soil and climate of Bermuda, until it surpasses the type in strength, size and luxuriance of plant and flower. The flowers are a bright, buttercup yellow and are produced in wonderful profusion. This variety is particularly well adapted to shallow pots and hanging baskets. One to six bulbs potted in rich

IXIAS These comparatively little known bulbs are worthy of general cultivation as they are easily bloomed, and their beautiful and curious flowers always attract attention. Fill a 5 or 6 inch pot with sandy loam, insert 6 or 8 bulbs, covering them about an inch deep. Place the pots in a cool, moderately damp place, where they will not freeze, and give but little water. When the flower spikes appear bring into a sunny place, give plenty of air and water, and rather low temperature.

Ixias, mixed varieties, 2 for 5 cents; 20 cents per dozen; \$1.00 per hundred, postpaid.



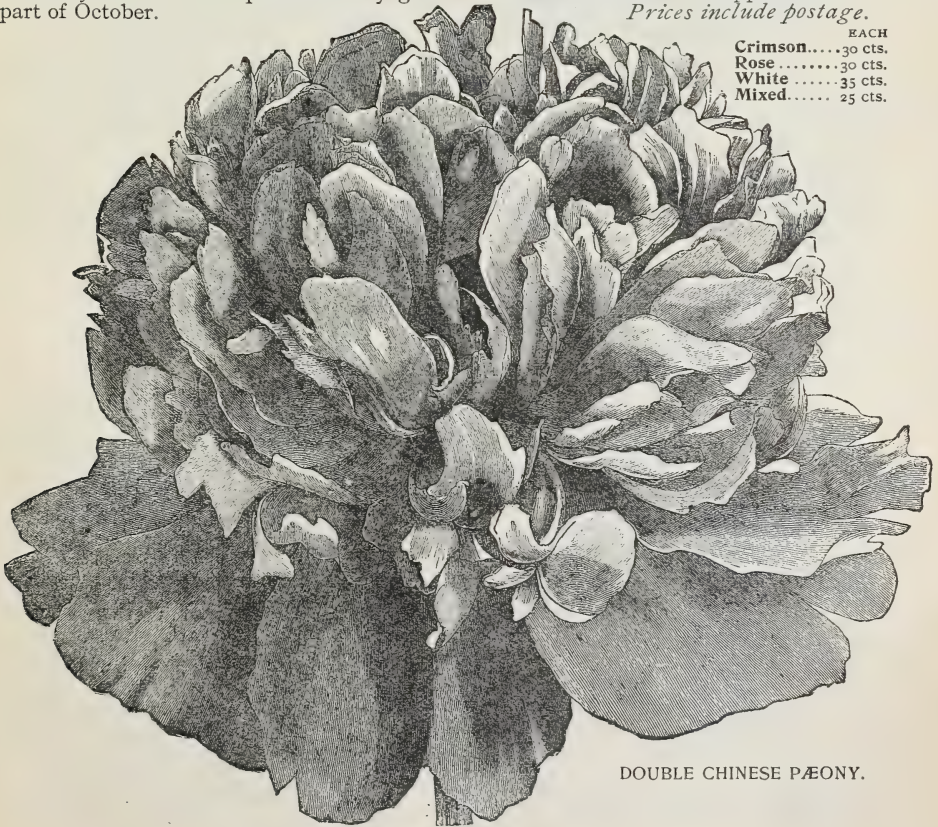
IXIAS.

DOUBLE CHINESE PÆONIES

Perhaps the Pæony, of all the list of bulbous or tuberous-rooted plants, is the oldest and best known inhabitant of the flower garden. There are now so many improved varieties that are so gorgeous in their beauty and fully as fragrant as the sweetest rose, that they should have a place in every garden. Pæonies cannot be shipped till latter part of October.

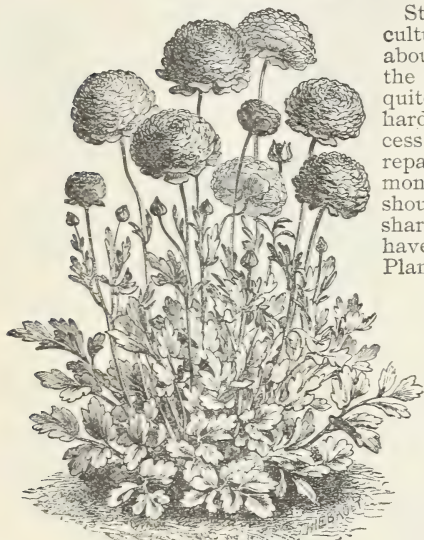
Prices include postage.

EACH	
Crimson	30 cts.
Rose	30 cts.
White	35 cts.
Mixed	25 cts.



DOUBLE CHINESE PÆONY.

RANUNCULUS



RANUNCULUS.

given for forcing Anemones, being careful to keep the pots, after growth has commenced, in a cool, moist atmosphere.

The Turkish or Turban sorts are very showy, and do very well indoors. The French kinds are very abundant bloomers, producing larger flowers of the most showy and striking colors. *Prices include postage.*

Double French Ranunculus, splendid mixed, very gorgeous colors. 20 cents dozen; \$1.00 per 100.

Turban Ranunculus, Merveilleuse, yellow. 3 for 10 cents; 30 cents per dozen.

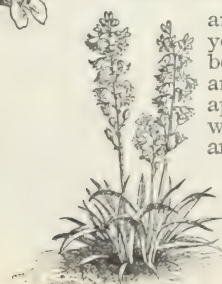
Turban Ranunculus, Romano, scarlet. 3 for 10 cents; 25 cents per dozen.

Turban Ranunculus, Seraphique, citron. 3 for 10 cents; 30 cents per dozen.

Turban Ranunculus, Mixed. 3 for 10 cents; 25 cents per dozen.



SCILLA



SCILLA, CAMPANULATA.

A beautiful class of small bulbs, with pink, white and blue flowers, blooming about the time of the Crocus; are entirely hardy and need not be disturbed oftener than once in three or four years. They will thrive in almost any garden soil, and should be planted in October or November, about two inches deep, and in clumps or masses, placing the little bulbs about an inch apart. The flowers appear in spring before the leaves, and when these come they should not be disturbed so long as they are fresh and green. The destruction of these leaves is almost the only thing likely to injure the bulbs.

Scillas are well adapted to growing in pots or pans in the house, and treated in this way will flower in February. Place six to a dozen bulbs in a pot close to the surface of the soil; good gardener's earth is the best. Allow them to root in the cold before removing to the warmer room, and water as often as the earth shows dryness.

Scilla Campanulata, (Wood Hyacinth), pink, white and blue, in separate colors. 3 cents each; 25 cents per dozen, *postpaid*.



SCILLA SIBERICA.

SCILLA SIBERICA

This is the best Scilla for forcing indoors, coming into bloom with Roman Hyacinths. The flowers are true ultramarine blue and are borne on graceful spikes of six to twelve blooms each; the color is so distinct that no garden should be without them. The bulbs are hardy and may be left in the ground for several years without taking up. This variety is very fine for edgings or planting in small beds. Their pretty star-shaped flowers appear in earliest spring and make a beautiful contrast with the Snowdrop and Crocus. *2 cents each; 15 cents per dozen; \$1.00 per 100, postpaid.*

SNOWDROP

The first to herald the approach of spring, defying the cold and lifting its tiny white blossoms to view long before the snow has disappeared



SNOWDROP.

	DOZ.	100
Snowdrop, Double	30	\$2.00 <i>postpaid.</i>
“ Single	15	1.00 “
“ Elwesii Giant	15	1.00 “

..SPIREA..

It is one of the best hardy herbaceous plants, particularly for cemetery purposes, its deep green, glossy leaves remaining bright and beautiful when those of most every other plant are dusty and faded. It bears numerous long, feather-like spikes of small flowers of the purest white, which are very useful and highly esteemed for bouquets. For this purpose it is extensively forced by florists for winter flowers. When forcing Spirea Japonica, it should be kept constantly wet. When the clumps are planted in pots, no manure should be added to the earth, and no liquid manure should ever be applied to them when forcing.

Spirea Japonica, fine, strong clumps. *20 cents each; \$2.00 per dozen, postpaid.*

By express, at purchaser's expense, 10 cents each; \$1.00 per dozen.

Spirea Japonica, Compacta Multiflora, of compact growth, good for early forcing, very floriferous. *20 cents each; \$2.00 per dozen, postpaid.*

By express, at purchaser's expense, 10 cents each; \$1.00 per dozen.



SPIREA.

Wild Rice *Zizania Aquatica.*

An annual which sows itself in the fall, about the middle of September, lies dormant all winter, and in spring commences to sprout as soon as the water gets warm, reaching the surface during the first half of June. It grows very rapidly in one to eight feet of water, ripens late in August or early in September. It should be sown in the fall, before ice forms, broadcast from a boat, in two or three feet of water, having a mud bottom. It has been successfully planted through the ice in winter and in the spring, but it succeeds best when planted in the fall.

As an attraction for wild fowl it cannot be equaled. In large ponds and lakes it purifies the water, affords a refuge from the large fish for the small fry, as well as furnishing them plenty of food from the animalculæ upon its stalks; for planting in fish ponds it is especially desirable. It also does well along the shores of marshes, and makes a good hay. In the south two crops can be cut. All cattle are very fond of it. *Per Lb. 30 cents, postpaid; per 100 Lbs. \$15.00 at purchaser's expense for transportation.*

Grimson Clover *(Crimson Trefoil, or Scarlet Italian).*

An annual variety of Clover of inestimable value wherever it can be grown. Although not perfectly hardy, it does well in sheltered situations as far north as Michigan, while farther south it stands the winter admirably. It yields an enormous quantity of forage, and when cut, immediately starts into a new growth. To plow under for green manuring it has no equal. Sow in August or September, using 10 to 15 lbs. of seed to the acre. *Lb. 25 cents, postpaid. Per 100 Lbs. \$8.00, by freight or express at purchaser's expense.*

GRASS SEEDS Clover Etc.

Subject to Variation in Price to Correspond with the Market.

	Per lb. postpaid	Per 100 lbs.		Per lb. postpaid	Per 100 lbs.
Hungarian.....	20c.	Market price	Wood Meadow Grass.....	50c.	\$30.00
Millet, Common	20c.	"	Creeping Bent Grass.....	45c.	20.00
Millet, German, <i>true Southern</i>			Rhode Island Bent Grass....	40c.	20.00
<i>grown</i>	25c.	"	Sweet Vernal, <i>true perennial</i> ..	45c.	30.00
Timothy.....	20c.	"	Perennial Rye Grass.....	20c.	5.00
Orchard Grass.....	25c.	\$10.50	Kentucky Blue Grass, <i>fancy</i>		
Red Top, <i>prime chaff seed</i>	20c.	5.00	<i>clean</i>	25c.	10.00
Red Top, <i>choice chaff seed</i>	20c.	7.00	Fine Mixed Lawn.....	35c.	15.00
Red Top, <i>fancy, cleaned from</i>			Extra Fine Mixed, Central		
<i>chaff</i>	30c.	12.00	Park Mixture.....	50c.	25.00
Awnless Brome Grass.....	30c.	16.00	Mammoth, or Large Red		
Hard Fescue.....	30c.	15.00	Clover.....	30c.	Market price
Sheep's Fescue.....	30c.	15.00	Medium Red, or June Clover. 25c.		"
Tall Fescue.....	35c.	18.00	Alsike, or Swedish Clover... 25c.		10.00
Meadow Fescue, or English			Bokhara Sweet Clover, (<i>Meli-</i>		
Blue Grass.....	20c.	8.00	<i>lotus alba</i>)	35c.	.....
Fowl Meadow, or False Red			Crimson Trefoil, Scarlet Ital-		
Top	40c.	22.00	ian Clover.....	25c.	8.00
Meadow Foxtail.....	40c.	25.00	Alfalfa, or Lucerne Clover... 25c.		11.00
Rough Stalked Meadow....	50c.	30.00	White Dutch Clover	25c.	12.00
Tall Meadow Oat Grass.....	30c.	16.00	Rye, Fall or Winter, 3 lbs., by mail, post-		
			paid, 50c.; per bush., 56 lbs., \$1.00		

The above, by the pound, postpaid; by the bushel or 100 lbs., at purchaser's expense for transportation.

A Beautiful Lawn

The essentials for a fine lawn are: First, a rich, well drained soil; second, careful preparation of the ground, making it as fine and smooth but mellow as possible; third, a wise selection of seeds; fourth, sowing at such a time as to give the young plants a chance to become well established before being subjected to very dry or to very cold weather. However much care is bestowed on the soil and seed, no lawn will be beautiful without frequent mowing and rolling. Too much care cannot be bestowed upon the selection of grasses, as some varieties are the most luxuriant in spring, others in summer, others again in autumn, and a combination of the proper sorts is required for a perfect, carpet-like lawn. We have given much thought and made many experiments to secure the best selection, and think our Central Park mixture the best possible for permanent lawns. It may be planted early in spring or fall, and should be sown at the rate of sixty to one hundred pounds per acre; much more is required than for hay or pasture. If sown in the fall, sow before the autumn rains have ceased, and before very cold weather, give the young grass a light dressing of manure. One pound of this mixture is sufficient to sow 600 square feet.

PLANT BED CLOTH

This prepared cloth for covering cold frames is being extensively used by our most successful gardeners as a substitute for glass. It has some decided advantages over the latter, in that the beds are more easily managed, as the plants will not be burned by the hot sun shining through the glass, and at the same time receiving enough light and air to make them harder than plants grown under glass. The cloth should be tacked on a light frame to be placed over the bed in the same manner as a sash.

Medium Grade, 20 yards or over..... 8 cents per yard } At purchaser's expense for transportation.
 " " 60 " " 7½ " }

BRASS GREENHOUSE and GARDEN SYRINGES

Sent only by express at expense of purchaser.

No. A, one stream and one spray rose.....	\$2 25
No. B, " " " "	2 75
No. C, " " " "	3 50
No. D, " " " "	4 50

No. H. This is a syringe which we offer to meet the demand for a first-class valve, all brass, full length

barrel syringe that is strong, durable and cheap.

We feel confident this will give entire satisfaction. Length of barrel, 18 in.; diameter, 1½ in..

No. 25, one spray rose, fast ends, large holes.....	\$2 25
No. 26, " " " "	2 50
No. 27, " " " "	3 00
No. 28, " " detachable end	2 75

EXCELSIOR WEEDING HOOK.

Price, 20cts, postpaid.



"PERFECTION" REVOLVING
LAWN AND GARDEN

SPRINKLER and FOUNTAIN.

Price, 50 cts, postpaid.



SOLID STEEL FLORIST'S TROWEL.

Polished 6 inch Blade. Price, 50cts, postpaid.

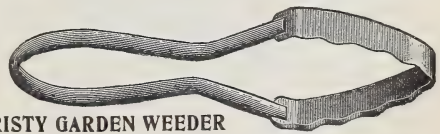


NEVER-BREAK SOLID FORGED STEEL GARDEN TROWEL.

6 inch long. Hardwood Handle. Superior in Style, Finish and Quality. Price, 25cts, postpaid.



HASELTINE
HAND WEEDER and SCRAPER
Price, 25cts, postpaid.



THE CHRISTY GARDEN WEEDER

Price, 25cts, postpaid.

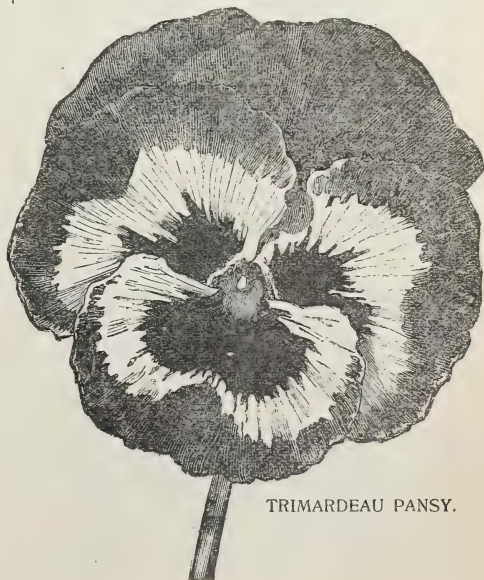


CARNATION.

	PER PKT.
*CARNATION, Double Red Grenadin, very early, charming, double scarlet flowers...	15
“ Extra choice double mixed.....	25
“ Marguerite. A great acquisition. A large proportion of double flowers of various colors. Sweet scented. Will flower in four months from sowing of seed. With slight protection will live outdoors through the winter.....	10
*CENTAUREA GYMNOCARPA, silvery gray foliage: drooping habit; very graceful....	10
*CENTAUREA CANDIDISSIMA, silvery white, deeply cut foliage, half-hardy perennial..	15
*CHRYSANTHEMUM, Frutescens, <i>Marguerite</i> or <i>Paris Daisy</i> . The pretty white flowers are freely produced, and the plant will grow under almost any circumstances....	10
“ Coronarium, double white. Annual sort for cut flowers.....	05
“ Coronarium, double yellow. Annual sort for cut flowers.....	05
“ Coronarium, Sulphureum fl. pi. Delicate lemon yellow, double flowers....	05
“ Superb mixed double, seed from the finest Chinese and Japanese varieties....	25
CINERARIA, Choicest Mixed, from the best named varieties.....	25
“ Hybrida flore pleno, the flowers are perfectly double, and the colors run through all the shades peculiar to Cinerarias.....	25
COBÆA SCANDENS, beautiful tender perennial climber. Should be started indoors.....	10
COLEUS, Finest Hybrids Mixed, beautiful plants for bedding, can easily be grown in the house in winter.....	25
*COLUMBINE, Mixed Double, hardy perennial, best and finest colors.....	05
CYCLAMEN PERSICUM, Mixed, beautiful pot plants.....	15
“ Giganteum, mixed, very large flowers of great beauty.....	20
*DAISY, Double Mixed.....	10
“ White.....	10
“ “ Red, known as <i>Longfellow</i>	15
*FORGET-ME-NOT (<i>Myosotis Alpestris</i>), blue flowers, with small yellowish eyes. Seed sown in autumn will flower early in spring. Hardy perennial.....	05
*FOXGLOVE (<i>Digitalis</i>), Splendid Mixed. Sow in fall. Hardy biennials or perennials....	05
GLOXINIA, Hybrida Mixed, green house perennial plants.....	25

	PER PKT.
HELIOTROPE, Dark Varieties Mixed, very fragrant, splendid for pot culture.....	10
*HOLLYHOCK, Chater's Finest Mixed, double varieties of the greatest perfection, hardy perennial.....	15
“ Double, pure white, lemon yellow, pink, purple-red, salmon or bluish pink, blood-red and deep rose in separate colors.....	10
“ Choice mixed.....	10
IMPATIENS SULTANI, splendid house plant, with brilliant rosy scarlet flowers in profusion.....	25
*LARKSPUR, Double Dwarf Rocket, hardy annual, ten inches high; mixed.....	05
“ Formosum, rich blue, hardy perennial, three feet high.....	05
*LOVE-IN-A-MIST (<i>Nigella</i>), Damascena, fl. pl., double blue blossoms; one and a half to two feet high. Hardy annual.....	05
*MATRICARIA EXIMIA GRANDIFLORA, fl. pl. (<i>Double Feverfew</i>), white, double flowers; desirable for bedding.....	05
*MIGNONETTE, Sweet. Seeds sown in fall bloom early in spring.....	05
“ Golden Queen, golden yellow and powerfully fragrant.....	05
“ Machet, covered with massive spikes of deliciously scented red flowers.....	10
MIMULUS PUNCTATUS (<i>Monkey Flower</i>), large, beautifully spotted blossoms.....	10
“ Tigrinus Duplex, beautiful, double tubed flowers.....	10
*PANSY. If sown outside in October will bloom the following spring. Grown indoors it makes a fine winter blooming pot plant.	
“ Trimardeau, a beautiful race of the richest colors and largest size.....	10
“ Large Flowering Parisian, very large stained, mixed. As large as the Trimardeau and embraces a widely varied range of magnificent colors.....	10
“ Meteor, large, rich, velvety mahogany colored flowers.....	10

Pansies continued on next page.



TRIMARDEAU PANSY.

PANSY, Continued.

PER PKT.

" Emperor William, indigo, dark center	10
" King of the Blacks	10
" Odier, or large stained, large, each petal blotched	15
" Pure yellow	10
" Variegated and striped	10
" Gold Margined	10
" Violet, white edged	10
" Lord Beaconsfield, purple violet, shading to white	10
" Snow Queen, or Snow Flake, flowers of a delicate pure white	10
" Peacock, a beautiful, large flowered variety. The upper petals are a handsome shade of ultramarine blue, much resembling the blue spots on a peacock's wing	10
" Red Flowered Victoria, the nearest red of any Pansy yet produced	15
" Extra Choice Mixed, from the choicest named flowers	15
" Collection of thirteen splendid varieties, \$1.00.	



PETUNIA.

PETUNIA. Makes a very beautiful pot plant for house or conservatory.

" Finest striped and blotched	10
" Single Dwarf Compact, compact, bushy plants with striped flowers	15
" Grandiflora Superbissima, mixed. The flowers are very large and are most superbly colored, each with a large throat	25
" Brilliant Rose, largest flowers of most beautiful shade of rose	25
" Fringed and Stained, mixed, very desirable	20
" Extra Double Fringed, many colors, beautifully fringed, a good percentage double	50
*PHLOX DRUMMONDI, Grandiflora, Extra Choice Mixed. The flowers are handsomely rounded and of great substance	10
" White, scarlet, rose and black, each	10
" Grandiflora Splendens, vivid crimson with white disc	10
" Grandiflora Stellata Splendens, rich crimson with pure white star in center	10
" Grandiflora Alba, large, white flowers	10
*PINK, Double China, colors very rich	05
" Heddwig's Single Mixed, fringed flowers of brilliant colors	05
" Double Diadem, densely double velvet-like flowers	05
" Double Florists' (<i>Planarius Scotticus</i> fl. pl.) Hardy perennial	25

POPPY, Orientale, large, gorgeous, scarlet blossoms; bottom of petals black.

PER PKT.

" The Shirley, numberless shades of colors	05
" Tulip Flowered, bright scarlet; the two outer petals form a tulip cup, strikingly beautiful	05
" Carnation, double white	05
" mixed	05
" Double white fringed, large, showy white flowers	05
" Iceland, single mixed, white, yellow and orange red flowers	05



CHINESE PRIMROSE.

PRIMULA SINENSIS (*Chinese Primrose*), Alba

" Magnifica, large, pure white	25
" Cœrulea, blue flowers	25
" Bright rose	25
" Mont Blanc, pure white	25
" Scarlet	25
" Choicest fern leaved mixed	25
" Choicest mixed	25
" Double mixed	50

STOCK, Double German, Ten Weeks, mixed, fine for pot culture

" Double German, ten weeks, pure white, large flowering	10
" Brompton, blooms well in winter; flowers very fragrant, half-hardy biennial	10

*SWEET WILLIAM, Fine Mixed, hardy perennial. If sown in August will make fine blooming plants for spring

" Mixed double, many colors	10
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VERBENA, Defiance, true deep scarlet

" Blue, all shades of blue	10
" White, large, pure white flowers	10
" Italian Striped	10
" Auriculatæflora, various shades with distinct eye of white or rose	10
" Extra choice mixed	15
" Hybrid compacta, mixed	15
" Mammoth, mixed, embraces a wide range of colors	15

VINCA. Free flowering greenhouse perennials, glossy foliage and beautiful flowers.

" Rosea, rose	10
" Rosea, alba, white with crimson eye	10
" Pure white	10

WALL FLOWER, Mixed Double, beautiful winter bloomer

" Early Brown, brownish red, fragrant flowers; large, thick spikes	05
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SWEET PEAS

Splendid success may be obtained from sowing Sweet Peas in October or November. A perfectly drained soil so situated as not to be subject to too frequent or severe freezing should be selected, and the seed covered about three inches deep. While you cannot be sure of success from fall sowing, yet it is worth while to take the risk for the advantage of having blooms about a month earlier than you could get them from outdoor sowings made in the spring.

WHITE

- BLANCHE BURPEE.**—A splendid pure white. *Packet 5c. Oz. 10c.*
EMILY HENDERSON.—Clear white. *Packet 5c. Oz. 10c.*
INVINCIBLE WHITE.—*Packet 5c. Oz. 10c.*
THE BRIDE.—Flowers white, gracefully poised on slender stems. *Packet 5c. Oz. 10c.*

LIGHT YELLOW

- LEMON QUEEN.**—A delicate pink, tinted with yellow. *Packet 5c. Oz. 10c.*
MRS. ECKFORD.—Delicate and beautiful shade of primrose yellow. *Packet 5c. Oz. 10c.*
PRIMROSE.—Standard yellowish-white in front and pronounced primrose-yellow on the back; wings nearly white. *Packet 5c. Oz. 10c.*

LIGHT SHADES OF PINK

- BLUSHING BEAUTY.**—Standard and wings are a beautiful, soft pink. *Packet 5c. Oz. 10c.*
DELIGHT.—Flowers a delicately shaded pink color. *Packet 5c. Oz. 10c.*
DUCHESS OF YORK.—White, suffused with delicate pink. *Packet 5c. Oz. 10c.*
ELIZA ECKFORD.—White, flaked with pink. *Packet 5c. Oz. 10c.*
KATHERINE TRACY.—Finest pink. *Packet 5c. Oz. 10c.*
LADY BEACONSFIELD.—Standard, salmon-pink; wings primrose yellow. *Packet 5c. Oz. 10c.*
LOVELY.—A delicate shell pink tinged with yellow. *Packet 5c. Oz. 10c.*
MRS. GLADSTONE.—Standard brilliant, but soft rose-pink; wings nearly the same shade as standard. *Packet 5c. Oz. 10c.*
MRS. SANKEY.—Standard, a shell pink; wings a little lighter. *Packet 5c. Oz. 10c.*
PRIMA DONNA.—Large perfect flowers of a brilliant yet soft shade of pink. *Packet 5c. Oz. 10c.*
RAMONA.—Standard and wings white, but nearly covered with a very warm blush purple in small dots and shades. *Packet 5c. Oz. 10c.*
VENUS.—Rose-pink and buff. *Packet 5c. Oz. 10c.*

DARKER SHADES OF PINK

- APPLE BLOSSOM.**—Standard, rose pink; lighter at the base; wings lighter than standard. *Packet 5c. Oz. 10c.*
HER MAJESTY.—Delicate rose pink. *Packet 5c. Oz. 10c.*
LADY PENZANCE.—Rose-pink with slight tinge of orange. *Packet 5c. Oz. 10c.*
ORANGE PRINCE.—Standard pink suffused with yellow; wings bright light pink. *Packet 5c. Oz. 10c.*
OVID.—Bright pink mottled with darker shade. *Packet 5c. Oz. 10c.*
PEACH BLOSSOM.—Warm yellowish-pink; wings a softer shade. *Packet 5c. Oz. 10c.*
ROYAL ROBE.—Bright rose-pink. *Packet 5c. Oz. 10c.*
ROYAL ROSE.—A deep rose pink. *Packet 5c. Oz. 10c.*

RED OR ROSE STANDARDS, WITH LIGHTER WINGS

- EXTRA EARLY BLANCHE FERRY.**—Standard deep rose pink, with white wings, the earliest Sweet Pea. *Packet 5c. Oz. 10c.*
BLANCHE FERRY.—Standard, bright pink; wings large and nearly white. This variety is the best of the older sorts. *Packet 5c. Oz. 10c.*

SHADES OF RED

- BRILLIANT.**—A very brilliant rich red. *Packet 5c. Oz. 10c.*
FIREFLY.—Very bright and intense crimson-scarlet. *Packet 5c. Oz. 10c.*
IGNEA.—Standard narrow, long, erect, deep crimson; wings brighter colored. *Packet 5c. Oz. 10c.*
INVINCIBLE SCARLET.—Bright scarlet. *Packet 5c. Oz. 10c.*
SPLENDOUR.—A deep, rich rose-pink. *Packet 5c. Oz. 10c.*

CLARET AND MAROON

- BOREATION.**—Dark maroon. *Packet 5c. Oz. 10c.*
DUKE OF CLARENCE.—Rosy claret. *Packet 5c. Oz. 10c.*
MONARCH.—Standard rich maroon; wings quite similar in color to the standard, but having a blue shade. *Packet 5c. Oz. 10c.*
STANLEY.—A deep maroon. *Packet 5c. Oz. 10c.*
WAVERLEY.—Rose-pink and lavender-blue shades which vary as the flowers mature. *Packet 5c. Oz. 10c.*

LAVENDER AND LIGHT BLUE

- BUTTERFLY.**—Standard, a combination of shades of violet and lavender. *Packet 5c. Oz. 10c.*
COQUETTE.—Large, finely formed flower. Standard warm primrose, with a shade of purple; wings primrose. *Packet 5c. Oz. 10c.*
COUNTRESS OF RADNOR.—Very distinct and beautiful shade of lavender. *Packet 5c. Oz. 10c.*
DOROTHY TENNANT.—Flowers warm violet, very large and finely formed. *Packet 5c. Oz. 10c.*
LOTTIE ECKFORD.—Magenta blue, shaded with lavender. *Packet 5c. Oz. 10c.*

BLUE AND PURPLE

- CAPTAIN OF THE BLUES.**—*Packet 5c. Oz. 10c.*
INDIGO KING.—Standard purple-maroon; wings bluer than standard. *Packet 5c. Oz. 10c.*

STRIPED OR VARIEGATED

- AMERICA.**—White, nearly covered with splashes, stripes and dots of bright carmine. *Packet 5c. Oz. 10c.*
AURORA.—Delicate orange-salmon pink over white. *Packet 5c. Oz. 10c.*
GAIETY.—Purple pink on white ground. *Packet 5c. Oz. 10c.*
GRAY FRIAR.—Mauve colored, tinged and dotted with darker shade. *Packet 5c. Oz. 10c.*
JUANITA.—White with stripes and dashes of delicate lavender. *Packet 5c. Oz. 10c.*
MRS. JOS. CHAMBERLAIN.—White, striped with bright rose carmine. *Packet 5c. Oz. 10c.*
PRINCESS OF WALES.—Striped purple on nearly white ground. *Packet 5c. Oz. 10c.*
QUEEN OF THE ISLES.—Rose-white, striped and splashed with deep rose-red. *Packet 5c. Oz. 10c.*
SENATOR.—Delicate lavender, nearly covered with stripes and splashes of purple-maroon. *Packet 5c. Oz. 10c.*

DWARF SWEET PEAS

- CUPID.**—The plant is about 9 inches high and produces clear white flowers. *Packet 5c. Oz. 10c.*
PINK CUPID OR DWARF BLANCHE FERRY.—Flowers like Blanche Ferry; plant about 9 inches high. *Packet 5c. Oz. 20c.*

MIXTURES OF SWEET PEAS

- ECKFORD'S HYBRIDS.**—Mixed seed from the best varieties introduced by this celebrated grower. *Packet 5c. Oz. 10c. ¼ lb. 20c.*
CHOICE MIXED.—Includes many of the new sorts and can be depended upon to give fine flowers of a wide range of color. *Packet 5c. Oz. 10c. ¼ lb. 20c.*

VEGETABLE SEEDS

FOR FALL PLANTING.

The following seeds are suitable for sowing in the summer and autumn months, and will be sent, prepaid, by mail or express, on receipt of price, except articles quoted by the bushel or 100 lbs., which will be sent by freight or express, the purchaser paying charges:

BRUSSELS SPROUTS —Sow in August and September.					
	Pkt.	Oz.	2 Oz.	¼ Lb.	Lb.
Best Imported.....	5	15	25	40	\$1 25
CABBAGE —Sow in September, and winter in cold frame.					
FIRST EARLY SORTS.					
Early Jersey Wakefield.....	5	20	35	60	2 00
Extra Early Express.....	5	15	25	40	1 25
Very Early Etampes.....	5	15	25	40	1 25
Charleston, or Large Wakefield.....	5	20	35	60	2 00
Early Large York.....	5	10	20	30	1 00
SECOND EARLY, OR SUMMER SORTS.					
Henderson's Early Summer.....	5	15	25	40	1 50
Early Dwarf Flat Dutch.....	5	15	25	40	1 50
Early Winnigstadt.....	5	10	20	30	1 00
All Seasons.....	5	15	25	40	1 50
Succession.....	5	20	35	60	1 75
Deep Head.....	5	15	25	40	1 50
Fottler's Early Drumhead, or Brunswick Short Stem.....	5	15	25	40	1 50
LATE, OR AUTUMN AND WINTER SORTS.					
Mammoth Rock Red, <i>the best Red Cabbage</i>	5	15	25	40	1 50
D. M. Ferry & Co's Premium Late Flat Dutch.....	5	15	25	40	1 25
D. M. Ferry & Co's Premium Late Drumhead.....	5	15	25	40	1 25
Marblehead Mammoth Drumhead.....	5	15	25	40	1 50
Hollander.....	5	25	40	75	2 50
Green Glazed.....	5	20	35	60	1 75
Savoy, Early Dwarf Ulm.....	5	15	25	40	1 50
Savoy, Improved American.....	5	15	25	40	1 50
CAULIFLOWER —Sow in frames in Sept. and October.					
Early Snowball, <i>unsurpassed</i> ¼ oz., \$1.00.....	25	3 00	5 00	9 00	....
Extra Early Dwarf Erfurt..... ¼ oz., 0.75.....	25	2 75	4 50	8 00	....
Early Favorite.....	5	1 00	1 50	2 50	....
Early Erfurt.....	5	1 50	2 50	4 00	....
Early London.....	5	40	75	1 25	....
Early Paris, or Nonpareil.....	5	60	1 00	1 75	....
LeNormand's Short Stem.....	5	75	1 25	2 25	....
Large Algiers.....	5	75	1 25	2 25	....
Veitch's Autumn Giant.....	5	40	75	1 25	....
COLLARDS —Sow from August to October.					
Georgia, Southern or Creole.....	5	10	20	30	1 00
ENDIVE —Sow in August.					
Green Curled.....	5	15	25	40	1 25
Large Green Curled.....	5	20	35	60	1 75
Moss Curled.....	5	15	25	40	1 25
Ever White Curled.....	5	15	25	40	1 50
Broad Leaved Batavian.....	5	15	25	40	1 25
KALE, or Borecole —Sow in August or September.					
Tall Green Curled Scotch.....	5	10	15	20	60
Dwarf Curled Scotch, or German Greens.....	5	10	15	25	75
Half Dwarf, Moss Curled.....	5	10	20	30	1 00
Siberian, or Sprouts.....	5	10	15	20	60
German Dwarf Purple.....	5	15	25	40	1 25
LETTUCE —Sow in September or October for winter use.					
CABBAGE, OR HEADING VARIETIES.					
Early Tennis Ball, <i>true black seeded, for forcing</i> ...	5	10	20	30	1 00
Silver Ball.....	5	15	25	40	1 25
Big Boston.....	5	15	25	40	1 50
California Cream Butter, or Royal Summer Cabbage.....	5	15	25	40	1 50
Buttercup.....	5	15	25	40	1 25

LETTUCE—Continued.

	Pkt.	Oz.	2 Oz.	¼ Lb.	Lb.
Salamander	5	15	25	40	\$1 25
Large Drumhead, or Victoria Cabbage.....	5	10	20	30	1 00
Philadelphia Butter, or Early White Head.....	5	10	20	30	1 00
Mammoth Black Seeded Butter	5	15	25	40	1 50
Market Gardener's Private Stock.....	5	15	25	40	1 50
Hanson, the true hard heading stock	5	15	25	40	1 25
Deacon, very compact and superb in quality	5	15	25	40	1 25

CURLLED, OR LOOSE LEAVED-VARIETIES.

Detroit Market Gardeners' Forcing.....	5	15	25	40	1 50
Grand Rapids, extra, for forcing	5	15	25	40	1 25
Black Seeded Simpson	5	15	25	40	1 25
Early Curled Silesia	5	10	20	30	1 00
Simpson's Early Curled.....	5	10	20	30	1 00
Tilton's White Star	5	15	25	40	1 25
Denver Market.....	5	10	20	30	1 00
Ferry's Early Prize Head, the best for family use.	5	10	20	30	1 00

MUSTARD—Sow in August for fall use.

White English.....	5	10	10	15	40
Southern Giant Curled	5	10	15	20	60

ONION—The practice of sowing Onions in the autumn is becoming somewhat prevalent, and in the middle and southern states has proved quite successful, but in the extreme northern states we cannot recommend its adoption. In the south it is practicable to sow the seed late, from which good bottom sets are obtained for use in the spring. With market gardeners it is an object to obtain early, good sized onions in advance of those produced from seed, and the bottom sets so obtained are what are wanted to produce them.

	Pkt.	Oz.	2 Oz.	¼ Lb.	Lb.
Extra Early Red	5	15	25	40	\$1 50
Large Red Wethersfield	5	15	25	40	1 50
Southport Red Globe	5	30	55	1 00	3 00
Southport Yellow Globe.....	5	20	35	60	1 75
Yellow Danvers	5	15	25	40	1 40
Yellow Globe Danvers	5	15	25	40	1 50
Michigan Yellow Globe	5	20	35	60	1 75
Mammoth Yellow Spanish, or Prizetaker.....	5	20	35	60	1 75
White Portugal (<i>American Silverskin</i>).....	5	25	40	75	2 50
White Globe.....	5	30	55	1 00	2 75
Round White Silverskin, for pickling	5	30	55	1 00	3 00
Mammoth Silver King	5	25	40	75	2 50
Giant Rocca.....	5	20	35	60	1 75
Giant White Italian Tripoli.....	5	25	40	75	2 50
Queen	5	35	60	1 00	3 50

RADISH—For autumn, sow in August; for winter, in September.

Non Plus Ultra, or Early Deep Scarlet Turnip, forcing	5	10	15	20	65
Early Scarlet, Turnip Rooted	5	10	15	20	50
Early Scarlet Turnip, White Tipped, forcing	5	10	15	20	65
Early Round Deep Scarlet	5	10	15	20	50
Early White, Turnip Rooted	5	10	15	20	50
Early Deep Scarlet, Olive Shaped, Short Leaf	5	10	15	20	65
Early Scarlet, Olive Shaped.....	5	10	15	20	50
Early White, Olive Shaped.....	5	10	15	20	50
French Breakfast	5	10	15	20	50
Long Brightest Scarlet, White Tipped	5	10	15	20	60
Early Long Scarlet, Short Top, improved	5	10	15	20	50
Improved Chartier, or Shepherd	5	10	15	20	55
Long White Vienna, or Lady Finger	5	10	15	20	60
Long White Naples.....	5	10	15	20	50
Large White Summer, Turnip Rooted.....	5	10	15	20	55
Early White Giant Stuttgart.....	5	10	15	20	50
Golden Globe	5	10	15	20	50
Gray Summer, Turnip Rooted.....	5	10	15	20	50

WINTER VARIETIES.

Scarlet China	5	10	15	20	60
Large White Spanish.....	5	10	15	20	50
Round Black Spanish.....	5	10	15	20	50
Long Black Spanish	5	10	15	20	50
Half Long Black Spanish	5	10	15	25	75

RAPE DWARF ESSEX.

A Most Profitable Forage Plant.....

We can think of no simple change which would do more to increase the profitableness of American farming than a more general use of Dwarf Essex Rape. It is an inexpensive crop, costing but little for seed or cultivation, is very hardy, can be made to take the place of some crop that has failed, and will yield an immense amount of forage, or it can be sown after harvest as a cover crop, and when fed off by stock, particularly by sheep, will rapidly restore the fertility of exhausted soils. It is important that the true biennial Dwarf Essex Rape should be used and not the annual sort, which is not only much less valuable as a crop, but which when once introduced becomes a pernicious weed very difficult to eradicate. Sow broadcast on well prepared soil, using about 5 lbs. seed per acre. $\frac{1}{4}$ Lb. 10 cents; Lb. 25 cents, *postpaid*. 10 Lbs. \$1.00; Per 100 Lbs. \$8.00, *by freight or express, at purchaser's expense*.

	Pkt.	Oz.	2 Oz.	$\frac{1}{4}$ Lb.	Lb.
SORREL —Sow in August.					
Large Leaved French.....	5	10	20	30	\$1 00
SPINAGE —Sow in August and September.					
Savoy Leaved.....	5	10	10	15	40
Round Summer Broad Leaf.....	5	10	10	15	40
Improved Thick Leaved.....	5	10	10	15	45
Broad Flanders, <i>very large</i>	5	10	10	15	45
Victoria.....	5	10	10	15	45
Long Standing.....	5	10	10	15	45
Prickly Winter.....	5	10	10	15	35
Long Standing Prickly.....	5	10	10	15	40

TURNIP—In our northern climate, Ruta Bagas, or Swedes, are sown from about the 20th of June to the 15th of July, requiring a longer season to mature than Turnips, which are sown from the middle of July to the last of August. In the southern states they can be sown much later, as they remain green all winter, and will endure considerable frost. Two pounds of seed broadcast, or one pound in drills, is about the quantity to sow per acre. Drill sowing is much to be preferred.

	Pkt.	Oz.	2 Oz.	$\frac{1}{4}$ Lb.	Lb.
Extra Early White Milan.....	5	10	15	20	\$0 70
Extra Early Purple Top Milan.....	5	10	15	20	65
White Egg.....	5	10	15	20	50
Early White Flat Dutch, Strap Leaved.....	5	10	15	20	50
Early Purple Top, Strap Leaved.....	5	10	15	20	50
Purple Top, White Globe.....	5	10	15	20	50
Scarlet Kashmyr.....	5	10	20	30	1 00
Cow Horn, or Long White.....	5	10	15	20	60
Large White Norfolk.....	5	10	10	15	45
Large Red Top Norfolk.....	5	10	10	15	45
Pomeranian White Globe.....	5	10	10	15	45
Sweet German.....	5	10	15	20	50
Seven Top.....	5	10	10	15	45
Large Amber Globe.....	5	10	15	20	50
Yellow Globe.....	5	10	15	20	50
Yellow Stone.....	5	10	15	20	60
Orange Jelly, or Robertson's Golden Ball.....	5	10	15	20	50
Purple Top Yellow Aberdeen.....	5	10	10	15	45

RUTA BAGAS, OR SWEDES.

Monarch, or Tankard.....	5	10	15	20	50
American Purple Top, or Improved Long Island.....	5	10	15	20	50
Yellow Swede.....	5	10	10	15	45
Carter's Imperial Purple Top.....	5	10	10	15	45
D. M. Ferry & Co's Improved Purple Top Yellow.....	5	10	15	20	50
West Norfolk, <i>one of the best</i>	5	10	10	15	45
Laing's Purple Top Strap Leaved.....	5	10	15	20	50
Drummond's.....	5	10	10	15	45
Shepherd's Golden Globe.....	5	10	15	20	50
Bangholm Swede.....	5	10	10	15	45
Sutton's Champion.....	5	10	10	15	45
Budlong's White Rock.....	5	10	15	20	50
White Swede, or Sweet Russian Turnip.....	5	10	10	15	45

FARM AND GARDEN IMPLEMENTS

Boxed and Delivered at Depot or Express Office in Detroit, Mich.

Matthews' New Universal Model Garden Drill .. \$6.00	"Planet Jr." No. 4, Hill Dropping Seed Drill, Hoe, Cultivator, Rake and Plow	\$10.00
" " " Double Wheel Combination Drill	" No. 5, Hill Dropping Seeder	12 00
New Universal Double Wheel Hoe, Cultivator, Rake and Plow	" Double Wheel Combined Hill Dropping Seed and Fertilizer Drill	16 00
" " Plain Double Wheel Hoe	" Single Wheel Hoe, complete	4 50
" " Single Wheel Hoe, Cultivator, Rake and Plow	" No. 10, Double Wheel Hoe, complete	6 00
" " Plain Single Wheel Hoe	" " 11, " " " "	8 00
" " No. 2 Single Wheel Hoe, Cultivator and Plow	" " 12, " " " "	6 00
The Iron King Seed Drill	" " 13, " " " "	4 00
" " " with Fertilizer Attachment	" " 15, Single Wheel Hoe	6 00
"Planet Jr." No. 1, Combined Drill & Wheel Hoe	" " 16, " " " "	5 00
" No. 2, Seed Drill	" " 17, " " " "	4 00
" No. 3, Hill Dropping Seeder	" " 18, " " " "	3 00
	"Gem of the Garden" Hand Wheel Hoe and Cultivator	4 50
	Hand Wheel Plow	1 75

BOOKS SENT POSTPAID ON RECEIPT OF PRICE.

FARM, GARDEN, FRUIT, FLOWERS, ETC.

Allen's New American Farm Book	\$2 50	How to Grow Onions on Muck Soil	paper \$.25
American Grape Growing and Wine Making	1 50	Hop Culture in the United States	1 50
Barry's Fruit Garden	2 00	Insects and Insecticides	1 50
Bommer's Method of Making Manures	paper .25	Kalamazoo Celery; its Cultivation and Secret of Success	paper .50
Brill's Farm Gardening and Seed Growing	1 00	Mushrooms; How to Grow Them	1 50
Broom Corn and Brooms	.50	Mushrooms; How to Grow Them	paper .10
Bulbs and Tuberous-Rooted Plants	2 00	My Vineyard at Lakeview	.50
Cauliflowers and How to Grow Them	paper .20	Onion Culture	paper .20
Celery Growing and Marketing	1 00	Our Farm of Four Acres	paper .30
Elliott's Hand Book for Fruit Growers	paper .60	Practical Floriculture	1 50
Every Woman Her Own Flower Gardener,	paper .75	Quinn's Money in the Garden	1 50
Fuller's Practical Forestry, very complete	1 50	Robinson's Mushroom Culture	.50
Fuller's Grape Culturist	1 50	Roe's Play and Profit in My Garden	1 50
Fuller's Small Fruit Culturist	1 50	Silos, Ensilage and Silage	.50
Fuller's Strawberry Culturist	.25	Stewart's Irrigation	1 50
Gregory on Onion Raising	paper .30	The Language of Flowers, cloth 50 cts., paper	.25
Gardening for Profit	2 00	The Rose; Ellwanger	1 25
Gardening for Pleasure	2 00	The Young Market Gardener	paper .50
Harlan's Farming with Green Manures	1 00	Tobacco Culture	paper .25
Harris' Talks on Manures	1 75	Tobacco Leaf	2 00
How to Destroy Insects on Flowers and House Plants	paper .30	Truck Farming in the South	1 50
		Window Gardening	1 00

HORSES, CATTLE, SHEEP, SWINE, POULTRY, ETC.

Canary Birds	paper \$0.50	Quinby's New Bee Keeping	\$ 1.00
Feathered Pets	paper .25	Randall's Practical Shepherd	2 00
Dadd's Am. Reformed Cattle Doctor	2 50	Stewart's Shepherd's Manual	1 50
Dairying for Profit, or the Poor Man's Cow,	paper .50	Stoddard's An Egg Farm	.50
Harris on the Pig	1 50	The People's Horse, Cattle, Sheep, and Swine Doctor	1 00
Keeping One Cow	1 00	Willard's Practical Butter Book	1 00
Lewis' Practical Poultry	1 50		

MISCELLANEOUS

Batty's Practical Taxidermy and Home Decoration	\$1.50	Ornamental Gardening for Americans	\$2 00
How to be Your Own Lawyer	1 50	Scribner's Ready Reckoner and Log Book	.35
Hunter and Trapper	.75	Silk Culture	paper .30

Our SEED ANNUAL for 1900 will be published about January 1, 1900, and will be mailed free to all applicants, and to customers of this year without ordering it. If your copy does not come early enough for your use, send for it.

ADDRESS **D. M. FERRY & CO.,**

DETROIT, MICH.

BULBS AND SEEDS

AUTUMN
1899



D. M. FERRY & CO.

DETROIT, MICH.

OREGON R.